

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

A2 81.3449
M342
RESERVE

U.S. DEPT. OF AGRICULTURE
NAT'L AGRIC. LIBRARY
RECEIVED

APR 5 '79



PROCUREMENT SECTION
CURRENT SERIAL RECORDS

FEDERAL MILK ORDER MARKET STATISTICS

DECEMBER HIGHLIGHTS

MINIMUM CLASS I PRICE, \$12.29; BLEND, \$11.62

PRODUCER DELIVERIES DOWN 0.1 PERCENT

PRODUCER MILK USED IN CLASS I DOWN 2.8 PERCENT

55 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES (ADJUSTED) UP 0.8 PERCENT

ANNUAL HIGHLIGHTS

MINIMUM CLASS I PRICE, \$11.41; BLEND, \$10.57

PRODUCER DELIVERIES - NO CHANGE OVER PREVIOUS YEAR

PRODUCER MILK USED IN CLASS I - NO CHANGE OVER
PREVIOUS YEAR

53 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES (ADJUSTED) UP 0.3 PERCENT

* SPECIAL THIS ISSUE - Page 36 *
* *
* Fluid Milk Sales by Method of *
* Distribution *
* *

* *
* Index of Special Articles *
* in 1978 Summaries - *
* Page 41 *
* *

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
DAIRY DIVISION
WASHINGTON, D.C.

ISSUED - February 1979

FMOS - 228

TABLE OF CONTENTS

<u>Table No.</u>	<u>Page No.</u>
Summary	3
1. Federal order fluid differentials, January and February 1979; minimum Class I prices for milk of 3.5 percent butterfat content f.o.b. market or other indicated point, and butterfat differentials, January 1979 and 1978 and Class I price, February 1979 and 1978	7
2. Federal order minimum Class and blend prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point, and butterfat differentials, December	8
3. Federal order minimum Class I and blend prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point, January-December, averages	10
4. Number of producers delivering milk to handlers regulated under Federal orders, total deliveries, and average daily deliveries per producer, December	12
5. Producer milk deliveries used in Class I and gross Class I sales by handlers regulated under Federal orders, December	14
6. Producer milk deliveries used in Class II by handlers regulated under Federal orders which have three classes of utilization, December and year to date with comparisons	16
7. Producer milk deliveries to handlers regulated under Federal orders and deliveries used in Class I, January-December	18
8. Whole milk, lowfat and skim milk items sold in marketing areas defined by Federal milk orders, for markets where such information is available, November 1978, with comparisons	20
9. Packaged sales of individual whole milk items, lowfat and skim milk items, in 46 selected marketing areas defined by Federal milk orders, January 1978 to date, with comparisons	22
10. Packaged sales of whole milk items, lowfat and skim milk items, milk and cream mixtures, cream items, and total fluid items by handlers regulated under Federal milk orders, grouped by region, November 1978, with comparisons	24
11. Packaged sales of milk and cream mixtures, cream items, yogurt, and eggnog by handlers regulated under Federal orders, January 1978 to date, with comparisons	25
12. Milk, skim milk and cream utilized in the manufacture of dairy products by handlers regulated under Federal milk orders, grouped by regions, November 1977	27
13. Milk, skim milk and cream utilized in the manufacture of dairy products by handlers regulated under Federal milk orders, grouped by regions, November 1978	28
14. Percentage of whole milk equivalent used in the production of manufactured dairy products in Federal order markets, January 1978 to date, with comparisons	29
15. Federal order base and excess prices for milk of 3.5 percent butterfat content, December	30
16. Seasonal incentive fund included under various Federal milk orders, December	30
17. Dairy product prices and manufacturing milk prices, January 1978 to date, with comparisons	31
18. U.S. milk prices, U.S. milk feed ratio, and general price measures, January 1978 to date, with comparisons	32
19. Consumer Price Index for all Urban Consumers: Selected dairy products, United States city average, 1978	33
20. Consumer Price Index for all Urban Consumers: Selected areas, all dairy products combined, 1978	33
21. U.S. production, January 1978 to date, with comparisons	34
22. Commercial and Government storage holdings, January 1978 to date, with comparisons	34
23. U.S.D.A. purchases (Delivery basis), January 1978, to date, with comparisons	35
Fluid Milk Sales by Method of Distribution	36
Index of Special Articles in 1978 Summaries	41
Major order actions, December	42

FEDERAL MILK ORDER MARKET STATISTICS

Summary of Producer deliveries, producer deliveries used in Class I, and prices

Year	Number of markets	Average number of producers	Change from prev. year 1/	Average daily deliveries	Change from prev. year 1/	Deliveries used in Class I	Change from prev. year 1/	Class I utilization	Prices per 100 pounds (3.5 percent)
	No.	Number	Bil. lb.	Pct.	Pounds	Bil. lb.	Pct.	Percent	Dollars
1973	61	131,565	66.2	-3.6	1,386	40.5	-1.0	61	8.03
1974	61	126,094	67.8	2.3	1,473	39.3	-3.0	58	9.35
1975	56	123,855	69.2	2.2	1,532	40.1	2.1	58	9.36
1976	50	122,675	74.6	7.4	1,661	41.0	1.9	55	10.70
1977	47	122,733	77.9	4.8	1,740	41.1	.6	53	10.59

1/ Percentages computed from unrounded pounds. Data for 1976 adjusted to a 365-day basis before computing percentage changes.

Year and month	Number of producers	Change from prev. year 1/	Average daily deliveries	Change from prev. year 1/	Deliveries used in Class I	Change from prev. year 1/	Class I utilization	Prices per 100 pounds (3.5 percent)
	No.	Number	Bil. lb.	Pct.	Mil. lb.	Bil. lb.	Percent	Dollars
1978:								
Jan.	46	118,323	6.4	1.6	205.1	1,734	56	10.91
Feb.	46	117,336	5.8	1.2	208.9	1,780	55	10.99
Mar.	46	117,367	6.7	.4	215.7	1,838	53	11.03
Apr.	46	116,849	6.7	.1	223.6	1,914	50	11.12
May	46	116,013	7.0	-.8	226.0	1,948	49	11.21
June	46	115,590	6.7	.1	222.4	1,924	47	11.36
July	46	115,224	6.4	-.9	207.9	1,804	48	11.37
Aug.	46	115,936	6.3	-1.4	203.2	1,753	52	11.37
Sept.	46	115,633	6.0	-.6	200.1	1,731	58	11.44
Oct.	46	115,251	6.1	.6	198.0	1,718	57	11.80
Nov.	46	114,669	5.9	.1	196.0	1,709	59	12.01
Dec.	46	114,888	6.2	-.1	200.6	1,746	55	12.29
Year to date 3/	—	116,090	76.3	0	209.0	1,800	53	11.41

1/ Percentages computed from unrounded pounds.

2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes.

Excludes Iowa.

3/ Average or total. May not add due to rounding.

Summary of packaged fluid milk and fluid cream product sales 1/

Year	No. of mkts.	Whole milk items 2/			Lowfat and skim milk items 3/			Milk and Cream mixtures			Cream items 4/			Total fluid milk and fluid cream items 5/		
		Mil. lb.	Percent:	Change over prev. year 6/	Mil. lb.	Percent:	Change over prev. year 6/	Mil. lb.	Percent:	Change over prev. year 6/	Mil. lb.	Percent:	Change over prev. year 6/	Mil. lb.	Percent:	Change over prev. year 6/
1974	61	28,067	- 5.6	3.41:	10,910	6.4	1.46:	386	- 4.5	10.9:	328	7/ 7.6	22.1:	39,881	- 2.5	3.10
1975	56	27,939	- .5	3.37:	11,989	9.9	1.47:	378	- 2.0	11.0:	363	7/10.9	21.8:	40,890	2.5	3.05
1976	50	27,726	- 1.0	3.35:	13,127	9.2	1.48:	399	5.2	11.0:	383	5.3	22.1:	41,882	2.2	3.01
1977 8/	46	23,094	- 2.3	3.33:	13,313	7.3	1.49:	343	- .7	11.1:	350	-2.3	21.1:	37,398	1.1	2.91
1978 8/	46	2,005	- 1.1	3.34:	1,191	5.8	1.51:	26	- 2.6	11.2:	23	- 3.9	20.3:	3,261	1.3	2.84
Jan.	46	1,807	- 1.1	3.33:	1,099	6.0	1.50:	25	- 5.5	10.9:	24	2.3	20.7:	2,970	1.4	2.85
Feb.	46	1,985	- 4.9	3.32:	1,220	4.6	1.49:	28	- 2.1	10.8:	30	8.0	21.1:	3,284	.1	2.86
Mar.	46	1,836	- 2.5	3.32:	1,146	3.2	1.48:	26	- 7.5	10.9:	25	-12.9	21.1:	3,051	-2.2	2.83
Apr.	46	1,887	- .3	3.32:	1,178	8.7	1.49:	28	- .5	10.8:	29	4.1	21.3:	3,141	2.9	2.86
May	46	1,737	- 2.3	3.31:	1,058	3.9	1.49:	27	- 3.0	10.8:	28	- 2.2	21.1:	2,869	- .3	2.88
June	46	1,728	- 3.2	3.31:	1,027	2.0	1.50:	27	- 3.5	10.9:	27	- 2.2	21.1:	2,826	-1.5	2.89
July	46	1,836	- 3.6	3.31:	1,105	2.7	1.50:	28	- 5.1	10.8:	28	- 4.4	20.7:	3,015	-1.5	2.87
Aug.	46	1,920	- 3.6	3.32:	1,210	3.1	1.51:	27	- 5.3	10.9:	25	- 5.0	20.7:	3,198	-1.3	2.82
Sept.	46	1,917	- 3.3	3.33:	1,221	3.8	1.51:	27	- 5.9	10.9:	26	- 1.9	20.7:	3,208	- .7	2.83
Oct.	46	1,878	- 3.6	3.33:	1,212	4.1	1.52:	28	- 6.6	10.9:	34	- 6.2	21.9:	3,181	- .9	2.92
Nov.	46															
Dec.	46															
Year to date	---	20,537	- 2.7	3.32:	12,667	4.4	1.50:	297	- 4.4	10.9:	299	- 2.4	21.0:	34,003	- .3	2.86

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Data for 1976 adjusted to a 365-day basis before computing percentage changes.

7/ During January 1974, there was a change in the reporting of the sales of cream items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except New York-New Jersey.

Summary of milk, skim milk, and cream utilized in manufactured products and uses 1/

Year	No. of mks:	BUTTER			CHEESE			FROZEN DESSERTS			COTTAGE CHEESE			NONFAT DRY MILK			TOTAL 2/		
		Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.	Percent	Change:	Mil.
		lb.	over	lb.	lb.	over	lb.	lb.	over	lb.	lb.	over	lb.	lb.	over	lb.	lb.	over	lb.
		prev.	year3/		prev.	year3/		prev.	year3/		prev.	year3/		prev.	year3/		prev.	year3/	
1974	61	1,026	2.4	37.2	10,878	41.3	3.78	2,534	3.8	11.3	4,046	-7.8	1.15	5,932	15.3	.07	30,844	10.6	4.28
1975	56	984	-1.4	38.2	11,621	7.4	3.80	2,868	16.5	11.7	4,126	-1.5	1.11	5,926	-	.07	31,397	4.2	4.38
1976	4/ 50	1,043	11.4	40.2	14,961	26.8	3.75	2,874	2.7	12.0	4,187	5.9	1.16	6,480	9.4	.08	35,684	13.1	4.36
1977	5/ 46	1,148	14.1	39.9	14,900	12.6	3.77	2,703	1.7	11.9	3,277	-2.4	1.07	6,803	12.7	.08	34,016	9.0	4.45
1978	5/ 46	115	0.8	40.3	1,221	3.4	3.88	151	-4.3	14.0	246	-6.6	1.02	468	-2.7	.09	2,597	1.0	5.00
Jan.	46	102	.3	40.7	1,188	5.8	3.85	167	-1.4	13.5	249	-12.8	.96	426	-8.0	.10	2,496	.8	4.89
Feb.	46	109	5.0	40.5	1,404	7.7	3.83	218	-8.1	12.3	294	-12.1	.99	546	-4.7	.09	3,011	2.6	4.66
Mar.	46	104	-	39.7	1,475	1.7	3.73	229	1.3	12.1	275	-15.5	.94	605	-10.1	.09	3,129	-	4.37
Apr.	46	103	.3	41.0	1,601	3.5	3.68	265	1.0	11.3	290	-15.9	.96	673	-12.6	.09	3,424	.4	4.24
May	46	88	-5.5	40.0	1,570	9.0	3.62	289	3.3	11.2	295	-7.7	1.00	715	-5.6	.08	3,450	2.3	4.03
June	46	75	-10.1	38.1	1,439	5.9	3.57	270	-6	11.3	282	-13.1	.95	587	-16.8	.08	3,134	-4	3.99
July	46	69	-16.5	37.6	1,310	8.3	3.59	288	-1.2	11.5	294	-12.4	.92	494	-21.5	.09	2,910	-1.7	4.13
Aug.	46	69	-17.4	38.4	1,141	9.6	3.71	222	1.6	12.4	266	-4.1	1.00	364	-17.8	.08	2,461	-1.6	4.43
Sept.	46	80	-16.4	40.0	1,191	14.4	3.99	202	8.0	12.7	260	1.4	1.06	363	-17.8	.09	2,482	1.5	4.77
Oct.	46	75	-13.4	40.4	1,158	13.9	3.96	172	-2	13.5	239	.5	1.06	301	-24.3	.10	2,287	1.0	4.93
Nov.	46																		
Dec.	46																		
Year to date	---	990	-5.8	39.8	14,698	7.3	3.75	2,472	-1	12.2	2,991	-9.3	.99	5,543	-12.5	.09	31,383	.5	4.46

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole milk powder, aerated, and frozen and plastic cream; milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

3/ Percentage changes over previous year are based on pounds of butterfat, except for nonfat dry milk which are based on pounds of product.

4/ Data for 1976 adjusted to a 365-day basis before computing percentage changes.

5/ Excludes New York-New Jersey.

Summary of packaged sales of fluid milk products in marketing areas defined by Federal milk orders 1/

Year	No. of comp. mks.	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items			
		Percent		Percent		Percent		Percent		Percent		Percent	
		Change over previous year	Unadj.	Adj. 5/	test	Change over previous year	Unadj.	Adj. 5/	test	Change over previous year	Unadj.	Adj. 5/	test
		Mil. lb.	Mil. lb.	Mil. lb.	Bf.	Mil. lb.	Mil. lb.	Mil. lb.	Bf.	Mil. lb.	Mil. lb.	Mil. lb.	Bf.
1974 6/	57	22,243	- 6.2	- 6.2	3.41	9,724	6.5	6.6	1.49	31,967	31,957	- 2.7	- 2.7
1975 7/	55	22,180	- 9	- 9	3.36	10,757	9.8	9.9	1.49	32,937	32,937	2.3	2.4
1976 8/	48	21,685	- 3.0	- 3.1	3.34	11,640	7.2	7.0	1.50	33,324	33,195	.3	.2
1977 7/	46	22,058	- 3.3	- 3.2	3.34	12,772	6.5	6.6	1.49	34,829	34,805	.1	.2
1978 7/	46	1,923	- 1.0	- .4	3.34	1,149	6.0	6.7	1.51	3,073	2,970	1.5	2.1
January	46	1,730	- 1.2	- 1.2	3.34	1,059	6.1	6.1	1.50	2,789	2,920	1.5	1.5
February	46	1,900	- 2.6	- 3.3	3.32	1,176	4.6	3.5	1.49	3,076	2,890	0	.8
March	46	1,758	- 5.1	- 1.6	3.32	1,104	3.1	8.8	1.49	2,862	2,933	- 2.1	2.0
April	46	1,825	.5	- 2.5	3.32	1,141	9.2	6.0	1.49	2,967	2,925	3.7	.6
May	46	1,679	- 1.6	- 2.1	3.32	1,024	4.1	1.9	1.49	2,703	2,920	.5	- 5
June	46	1,667	- 2.3	- 2.4	3.32	993	2.5	3.0	1.50	2,660	2,897	- .6	- 5
July	46	1,770	- 2.9	- 2.9	3.31	1,065	2.8	3.4	1.51	2,835	2,939	.8	- 7
August	46	1,839	- 3.3	- 3.3	3.32	1,166	3.4	3.1	1.51	3,004	2,917	- .8	- 9
September	46	1,847	- 2.4	- 1.8	3.33	1,181	4.3	4.7	1.51	3,028	2,900	.1	.6
October 9/	46	1,810	- 2.7	- 3.4	3.33	1,172	4.9	4.8	1.52	2,982	2,909	.1	- .3
November	46	1,796	- 5.6	- 2.1	3.33	1,150	1.6	5.9	1.52	2,946	2,905	- 2.9	.8
December 9/	46	21,545	- 2.5	- 2.2	3.33	13,380	4.4	4.8	1.50	34,926	35,020	0	.3
Year to date	---												

1/ In area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

4/ Percentages based on the same number of comparable markets in both years. Data for 1976 adjusted to a 365-day basis before computing percentage changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOS - 221, July 1978.

6/ Excludes the New York-New Jersey, Fort Smith, Lake Mead, Western Colorado, and Mississippi markets.

7/ Excludes the New York-New Jersey market.

8/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

9/ Estimated.

TABLE 2.-FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT*, AND BUTTERFAT DIFFERENTIALS, DECEMBER**

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.12			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	DEC 1978	DEC 1977	DEC 1978	DEC 1977	DECEMBER 1978	DECEMBER 1978	DECEMBER 1978	DECEMBER 1978	DECEMBER 1978	DECEMBER 1978
	DOLLARS						CENTS			
NEW ENGLAND										
NEW ENGLAND 1/	13.10	11.72	12.28	10.78	10.66	---	13.7	13.7	---	13.7
AVERAGE 2/	13.10	11.72	12.28	10.78	---	---	13.7	---	---	13.7
PICCLE ATLANTIC										
NEW YORK-NEW JERSEY 2/	12.79	11.35	11.78	10.15	10.74	---	13.7	13.7	---	13.7
MIDDLE ATLANTIC 4/	12.96	11.52	5/11.85	5/10.41	10.68	---	13.7	13.7	---	13.7
AVERAGE 2/	12.85	11.42	11.62	10.27	---	---	13.7	---	---	13.7
SOUTH ATLANTIC										
TAMPA BAY	13.13	11.69	12.54	11.50	10.75	---	13.7	13.7	---	13.7
SOUTHEASTERN FLORIDA 6/	13.33	11.89	13.14	11.74	10.75	7/ 5.34	13.7	13.7	13.7	13.7
UPPER FLORIDA 8/	13.03	11.59	12.50	11.48	10.75	---	13.7	13.7	---	13.7
GEORGIA 9/	12.48	11.04	11.55	10.45	10.70	10.60	13.7	13.7	13.7	13.7
AVERAGE 2/	12.91	11.47	12.53	11.11	---	---	13.7	---	---	13.7
EAST NORTH CENTRAL										
EASTERN GROUP										
SOUTHERN MICHIGAN 10/	11.78	10.34	11.30	9.76	10.75	10.60	13.4	13.4	13.4	13.4
EASTERN OHIO-WESTERN PA. 11/	12.03	10.59	12/11.84	12/10.25	10.70	10.60	13.7	13.7	13.7	13.7
OHIO VALLEY 13/	11.88	10.44	11.77	10.22	10.70	10.60	13.7	13.7	13.7	13.7
AVERAGE 2/	11.89	10.45	11.60	10.06	---	---	13.6	---	---	13.6
WESTERN GROUP										
MICHIGAN UPPER PENINSULA 14/ 15/	11.53	10.09	11.08	9.45	10.60	---	15.1	13.7	---	14.4
CHICAGO REGIONAL 16/	11.44	10.00	11.04	9.42	10.70	10.60	13.7	13.7	13.7	13.7
LSVILLE-LXCTCN-EVMSVILLE	11.88	10.44	11.88	10.43	10.70	10.60	13.7	13.7	13.7	13.7
INDIANA 17/	11.65	10.21	12/11.36	12/10.12	10.70	10.60	13.7	13.7	13.7	13.7
SOUTHERN ILLINOIS 18/	11.71	10.27	11.65	10.66	10.70	10.60	13.7	13.7	13.7	13.7
CENTRAL ILLINOIS 19/	11.57	10.13	11.47	10.02	10.70	10.60	13.7	13.7	13.7	13.7
AVERAGE 2/	11.57	10.13	11.20	9.64	---	---	13.7	---	---	13.7
WEST NORTH CENTRAL										
NORTHERN GROUP										
UPPER MIDWEST 20/	11.30	9.86	10.83	9.17	10.70	10.60	13.7	13.7	13.7	13.7
EASTERN SOUTH DAKOTA 21/	11.58	10.14	11.16	9.64	10.70	10.60	13.7	13.7	13.7	13.7
BLACK HILLS 22/	12.13	10.69	11.71	10.22	10.60	---	14.5	13.1	---	13.5
IOWA 23/	11.58	10.14	11.15	9.60	10.70	10.60	13.7	13.7	13.7	13.7
NEBRASKA - WESTERN IOWA 24/	11.78	10.34	12/11.12	12/9.67	10.70	10.60	13.7	13.7	13.7	13.7
AVERAGE 2/	11.44	10.00	10.88	9.25	---	---	13.7	---	---	13.7

* Major city in the marketing area. ** All averages are weighted. 1/ For 1978, Zone I (Boston); for 1977, nearby plant zone (Boston and Hartford). Price at 201-210 mile zone: Class I and blend, 50 cents less in 1978, 40 cents less in 1977. Class I price at Hartford is 11 cents less in 1978. 2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa. 3/ New York City Metropolitan Area. Price excludes a 15-cent direct delivery differential. Price at 201-210 mile zone: Class I and blend, 36 cents less; Class II, eight cents less. 4/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. 5/ Seven cents for advertising and promotion has been deducted from the blend price. 6/ Miami. 7/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped. 8/ Jacksonville and Tallahassee. 9/ Atlanta. 10/ Price excludes direct delivery differentials applicable to milk delivered to Detroit of 10 cents in 1977 and 10 cents in 1978. 11/ Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. 12/ Five cents for advertising and promotion has been deducted from the blend price. 13/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. 14/ Zone 2 (Marquette). 15/ Individual handler pool. Blend prices are weighted averages of all handlers, 1977-78. 16/ Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less. 17/ Indianapolis. 18/ Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) seven cents more. 19/ Peoria. 20/ Zone I (Minneapolis). 21/ Sioux Falls. 22/ Rapid City, South Dakota. 23/ Zone I (Des Moines). Class I prices at other points in the marketing area: Rock Island, IL., minus seven cents; Waterloo, minus sixteen cents. 24/ Zone I (Omaha).

TABLE 2.-FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, DECEMBER** -CON.

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%							
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND				
	DEC 1978	DEC 1977	DEC 1978	DEC 1977	DECEMBER 1978		DECEMBER 1978							
DOLLARS											CENTS			
WEST NORTH CENTRAL -CON.														
SCLTHERN GROUP														
ST LOUIS - CZARKS 25/	11.78	10.34	12/11.55	12/10.09	10.70	10.60	13.7	13.7	13.7	13.7				
GREATER KANSAS CITY 26/	11.92	10.48	12/11.38	12/9.85	10.70	10.60	13.7	13.7	13.7	13.7				
NEOSHO VALLEY 27/	11.83	10.39	11.51	10.22	10.70	10.60	13.7	13.7	13.7	13.7				
WICHITA 28/	11.98	10.54	12/11.67	12/9.90	10.70	10.60	13.7	13.7	13.7	13.7				
AVERAGE 2/	11.83	10.40	11.51	10.60	---	---	13.7	---	---	13.7				
EAST SCLTH CENTRAL														
PAULCAP	11.88	10.44	12.25	10.57	10.70	10.60	13.7	13.7	13.7	13.7				
NASHVILLE	12.03	10.59	11.56	9.96	10.70	10.60	13.7	13.7	13.7	13.7				
MEMPHIS 29/	12.12	10.68	12/11.82	12/10.38	10.70	10.60	13.7	13.7	13.7	13.7				
TENNESSEE VALLEY 30/	12.28	10.84	11.51	10.35	10.70	10.60	13.7	13.7	13.7	13.7				
AVERAGE 2/	12.18	10.74	11.83	10.29	---	---	13.7	---	---	13.7				
WEST SCLTH CENTRAL														
NORTHERN GROUP 31/														
CENTRAL ARKANSAS 32/	12.12	10.68	12/11.82	12/10.40	10.70	10.60	13.7	13.7	13.7	13.7				
OKLAHOMA METROPOLITAN 33/	12.16	10.72	12/11.66	12/10.23	10.70	10.60	13.7	13.7	13.7	13.7				
RED RIVER VALLEY 34/	12.38	10.94	12/11.85	12/10.51	10.70	10.60	13.7	13.7	13.7	13.7				
TEXAS PANHANDLE 35/	12.43	10.99	12/12.21	12/10.64	10.70	10.60	13.7	13.7	13.7	13.7				
LUBBOCK - FLAINTVIEW	12.60	11.16	12/12.34	12/11.03	10.70	10.60	13.7	13.7	13.7	13.7				
AVERAGE 2/	12.21	10.77	11.78	10.36	---	---	13.7	---	---	13.7				
SOUTHERN GROUP														
GREATER LOUISIANA 36/	12.65	11.21	12.30	10.77	10.70	10.60	13.7	13.7	13.7	13.7				
NEW ORLEANS-MISSISSIPPI 37/	13.03	11.59	12.44	10.98	10.70	10.60	13.7	13.7	13.7	13.7				
TEXAS 38/	12.50	11.06	12/12.02	12/10.52	10.70	10.60	13.7	13.7	13.7	13.7				
AVERAGE 2/	12.62	11.18	12.14	10.64	---	---	13.7	---	---	13.7				
MOUNTAIN														
EASTERN COLORADO 39/	12.48	11.04	11.54	10.49	10.75	10.60	15.7	14.3	14.3	15.7				
GREAT BASIN 40/	12.08	10.64	11.52	9.96	10.75	10.60	14.5	13.7	13.7	14.1				
WESTERN COLORADO 41/	12.18	10.74	12.05	10.52	10.65	10.60	14.5	14.3	14.3	14.4				
CENTRAL ARIZONA 42/	12.70	11.26	12.07	10.45	10.70	10.60	13.7	13.7	13.7	13.7				
RIO GRANDE VALLEY 43/	12.53	11.09	12/11.50	12/10.66	10.70	10.60	13.7	13.7	13.7	13.7				
LAKE MEAD 44/	11.78	10.34	11.41	9.95	10.75	10.60	14.5	13.7	13.7	14.2				
AVERAGE 2/	12.42	10.98	11.85	10.35	---	---	14.5	---	---	14.2				
PACIFIC														
PACIFIC SLOPE 45/	12.03	10.55	11.28	9.68	10.85	10.60	13.7	13.7	13.7	13.7				
INLAND EMPIRE 46/	12.13	10.69	11.38	9.83	10.85	10.60	14.5	13.7	13.7	14.1				
OREGON - WASHINGTON 47/	12.13	10.69	11.51	10.00	10.85	10.60	14.5	13.7	13.7	14.0				
AVERAGE 2/	12.09	10.65	11.38	9.82	---	---	14.2	---	---	13.8				
45-MARKET AVERAGE 2/ 31/	12.29	10.86	11.62	10.05	48/ 10.69	---	13.7	---	---	13.7				
ALL MARKET AVERAGE	12.28	10.84	11.61	10.08	48/ 10.69	---	13.7	---	---	13.7				

^{25/} Zone I (St. Louis and Springfield). ^{26/} Kansas City and Topeka. ^{27/} Pittsburg, Kansas. ^{28/} Zone I (Wichita). ^{29/} Individual handler pool. Blend prices are weighted averages of all handlers, 1977-78. ^{30/} Bristol, Chattanooga, and Knoxville. ^{31/} Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1978, \$12.13 and 1977, \$10.69; Blend ^{12/} 1978, \$11.55 and 1977, \$10.41; Class II 1978, \$10.70 and 1977, \$8.97; Class III 1978, \$10.60 and 1977, \$8.87. Fat differential: Class I 1978, 13.7¢ and 1977, 11.7¢; Class II 1978, 13.7¢ and 1977, 11.7¢; Class III 1978, 13.7¢ and 1977, 11.7¢; Blend 1978, 13.7¢ and 1977, 11.7¢. ^{32/} Little Rock. ^{33/} Oklahoma City. ^{34/} Wichita Falls, Texas. ^{35/} Amarillo. ^{36/} Monroe and Shreveport. ^{37/} Zone I (New Orleans). ^{38/} Zone I (Dallas). Class I price at Houston, plus 36 cents. ^{39/} Denver. ^{40/} Salt Lake City, Utah. ^{41/} Grand Junction. ^{42/} Phoenix. ^{43/} Albuquerque, Santa Fe, and El Paso. ^{44/} Las Vegas, Nevada. ^{45/} District I (Seattle). ^{46/} Spokane, Washington. ^{47/} Portland. ^{48/} A weighted average price for milk in excess of Class I needs calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 3.- FEDERAL ORDER MINIMUM CLASS 1 AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.B.
MARKET OR OTHER INDICATED POINT, JANUARY - DECEMBER, AVERAGES 1/

MARKETING AREA	CLASS 1*			BLEND*		
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977
DOLLARS PER 100 POUNDS						
NEW ENGLAND						
NEW ENGLAND	12.27	11.46	0 .81	11.24	10.39	0 .85
AVERAGE 2/	12.27	11.46	.81	11.24	10.39	.85
MIDDLE ATLANTIC						
NEW YORK-NEW JERSEY	11.91	11.12	.79	10.71	9.85	.86
MIDDLE ATLANTIC	12.06	11.26	.80	10.90	10.10	.80
AVERAGE 2/	11.97	11.18	.79	10.78	9.94	.84
SOUTH ATLANTIC						
TAMPA BAY	12.23	11.42	.81	12.01	11.31	.70
SOUTHEASTERN FLORIDA	12.44	11.63	.81	12.25	11.59	.66
UPPER FLORIDA	12.14	11.32	.82	12.01	11.36	.65
GEORGIA	11.60	10.78	.82	11.16	10.31	.85
AVERAGE 2/	12.01	11.19	.82	11.69	10.94	.75
EAST NORTH CENTRAL						
EASTERN OHIO						
SOUTHERN MICHIGAN	10.89	10.08	.81	10.32	9.43	.89
EASTERN OHIO-WESTERN PA.	11.14	10.33	.81	10.37	9.56	.78
OHIO VALLEY	11.00	10.19	.81	10.48	9.60	.88
AVERAGE 2/	11.00	10.20	.80	10.38	9.53	.85
WESTERN OHIO						
MICHIGAN UPPER PENINSULA	10.64	9.83	.81	10.15	9.27	.88
CHICAGO REGIONAL	10.55	9.74	.81	10.02	9.08	.94
LOUISVILLE-LEXINGTON-EVANSVILLE	10.99	10.18	.81	10.44	9.58	.86
INDIANA	10.75	9.93	.82	10.36	9.48	.88
SOUTHERN ILLINOIS	10.82	10.01	.81	10.38	9.49	.89
CENTRAL ILLINOIS	10.70	9.87	.83	10.33	9.43	.90
AVERAGE 2/	10.68	9.87	.81	10.13	9.21	.92
WEST NORTH CENTRAL						
NORTHERN OHIO						
UPPER MIDWEST	10.43	9.60	.83	9.78	8.86	.92
EASTERN SOUTHERN DAKOTA	10.70	9.88	.82	10.18	9.25	.93
BLACK HILLS	11.27	10.45	.82	10.59	9.58	1.01
IOWA 2/	10.69	9.87	.82	10.13	9.25	.88
NEBRASKA - WESTERN IOWA	10.89	10.08	.81	10.23	9.30	.93
AVERAGE 2/	10.57	9.75	.82	9.85	8.94	.91

CONTINUED

TABLE 3.-FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.B.
MARKET OR OTHER INDICATED POINT, JANUARY - DECEMBER, AVERAGES 1/ -CON.

MARKETING AREA	CLASS I *			BLEND *		
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977
DOLLARS PER 100 POUNDS						
WEST NORTH CENTRAL -CON.						
SOUTHERN CIRCUS						
ST LOUIS - CARKS	10.90	10.08	0.82	10.42	9.53	0.89
GREATER KANSAS CITY	11.03	10.22	.81	10.38	9.45	.93
NECSHC VALLEY	10.95	10.15	.80	10.76	9.98	.78
WICHITA	11.09	10.28	.81	10.51	9.57	.94
AVERAGE 2/	10.95	10.14	.81	10.42	9.51	.91
EAST SCLTH CENTRAL						
PADLCAN	10.99	10.17	.82	10.73	9.86	.87
NASHVILLE	11.14	10.33	.81	10.49	9.56	.93
MEMPHIS	11.23	10.41	.82	10.94	10.11	.83
TEENESSEE VALLEY	11.39	10.56	.83	10.97	10.10	.87
AVERAGE 2/	11.25	10.47	.82	10.83	9.94	.89
WEST SCLTH CENTRAL						
NORTHERN CIRCUS 4/						
CENTRAL ARKANSAS	11.23	10.42	.81	11.00	10.10	.90
OKLAHOMA METROPOLITAN	11.27	10.46	.81	10.68	9.83	.85
RED RIVER VALLEY	11.46	10.66	.80	10.90	10.07	.83
TEXAS PANHANDLE	11.54	10.73	.81	11.19	10.12	1.07
LUBBOCK - PLAINVIEW	11.72	10.90	.82	11.48	10.55	.93
AVERAGE 2/	11.32	10.51	.81	10.85	9.97	.88
SOUTHERN CIRCUS						
GREATER LOUISIANA	11.75	10.94	.81	11.36	10.57	.79
NEW ORLEANS-MISSISSIPPI	12.14	11.33	.81	11.46	10.62	.84
TEXAS	11.61	10.80	.81	11.13	10.23	.90
AVERAGE 2/	11.73	10.92	.81	11.23	10.35	.88
MOUNTAIN						
EASTERN COLORADO	11.60	10.78	.82	11.05	10.22	.83
GREAT BASIN	11.20	10.39	.81	10.55	9.60	.95
WESTERN COLORADO	11.31	10.48	.83	11.11	10.04	1.07
CENTRAL ARIZONA	11.82	11.00	.82	11.06	10.10	.96
RIO GRANDE VALLEY	11.64	10.83	.81	11.05	10.33	.72
LAKE HEAD	10.89	10.08	.81	10.64	9.70	.94
AVERAGE 2/	11.54	10.72	.82	10.92	10.02	.90
PACIFIC						
PLGET SOUND	11.16	10.34	.82	10.28	9.36	.92
INLAND EMPIRE	11.23	10.44	.79	10.43	9.52	.91
OREGON - WASHINGTON	11.25	10.44	.81	10.54	9.66	.88
AVERAGE 2/	11.21	10.40	.81	10.40	9.50	.90
45- MARKET AVERAGE 2/ 4/	11.41	10.60	.81	10.57	9.70	.87
ALL- MARKET AVERAGE	11.40	10.59	.81	10.56	9.69	.87

* All averages are weighted.

1/ See footnotes on table 2 for location at which price is reported.

2/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

3/ For the period January-April 1977, the prices represent weighted averages for the four merged markets.

4/ Excludes Fort Smith. Fewer than three handlers.

TABLE 4.-NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, DECEMBER

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	DEC 1978	CHANGE FROM DEC 1977	DEC 1978	DEC 1977	CHANGE FROM DEC 1977	DEC 1978	DEC 1977	DEC 1978	DEC 1977
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
NEW ENGLAND									
NEW ENGLAND	7,573	388-	405,482	413,565	1.0-	3.77	3.78	1,744	1,676
AVERAGE OR TOTAL 1/	7,573	388-	409,482	413,565	1.0-	3.77	3.78	—	—
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	17,734	554-	804,252	785,017	2.4	3.70	3.68	1,463	1,382
MIDDLE ATLANTIC	7,321	638-	450,775	476,571	5.4-	3.83	3.88	1,986	1,932
AVERAGE OR TOTAL 1/	25,055	1,232-	1,255,071	1,261,588	.5-	3.75	3.76	—	—
SOUTH ATLANTIC									
TAMPA BAY	126	9	46,564	46,573	.8	3.50	3.54	11,703	12,028
SOUTHEASTERN FLORIDA	115	3-	70,353	65,430	1.1	3.51	3.65	19,554	18,542
UPPER FLORIDA	171	6	59,487	55,620	7.0	3.53	3.59	12,018	10,740
GEORGIA	1,375	72	142,860	134,303	6.4	3.81	3.80	3,342	3,315
AVERAGE OR TOTAL 1/	1,791	84	315,704	306,126	4.4	3.65	3.69	—	—
EAST NORTH CENTRAL									
EASTERN OHIO									
SOUTHERN MICHIGAN	6,473	251-	345,235	346,074	.2-	3.84	3.84	1,720	1,660
EASTERN OHIO-WESTERN PA.	6,767	479-	267,656	275,880	3.0-	3.80	3.79	1,276	1,228
OHIO VALLEY	5,912	666-	243,472	272,215	13.6-	3.90	3.92	1,328	1,335
AVERAGE OR TOTAL 1/	19,152	1,396-	856,403	854,165	4.2-	3.84	3.85	—	—
WESTERN OHIO									
MICHIGAN UPPER PENINSULA	194	15-	7,153	7,164	.2-	3.77	3.77	1,185	1,106
CHICAGO REGIONAL	16,804	62	795,814	752,612	.4	3.89	3.83	1,528	1,527
LSVILLE-LXCTON-EVNSVILLE	2,148	170-	90,438	53,666	3.4-	3.90	3.94	1,358	1,303
INDIANA	3,133	101-	144,808	132,635	9.2	3.95	4.00	1,491	1,377
SOUTHERN ILLINOIS	1,798	50-	79,684	86,303	7.7-	3.90	3.86	1,430	1,475
CENTRAL ILLINOIS	555	74	24,444	20,762	17.7	3.92	3.97	1,421	1,352
AVERAGE OR TOTAL 1/	24,632	240-	1,142,341	1,133,146	.8	3.90	3.86	—	—
WEST NORTH CENTRAL									
NORTHERN OHIO									
UPPER MIDWEST	13,414	68	606,252	550,538	2.6	3.81	3.76	1,458	1,428
EASTERN SOUTH DAKOTA	460	15-	21,547	21,652	1.4	3.88	3.83	1,604	1,576
BLACK HILLS	95	1-	6,051	5,611	7.8	3.95	3.91	2,160	2,174
ICWA	3,208	26	144,730	135,857	3.4	3.92	3.89	1,474	1,471
NEBRASKA - WESTERN IOWA	1,650	115	88,555	83,688	5.9	3.95	3.90	1,822	1,783
AVERAGE OR TOTAL 1/	15,615	167	722,885	701,885	3.0	3.83	3.78	—	—

CONTINUED

TABLE 4.-NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATE UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER FRODOGER, DECEMBER -CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	DEC 1978	CHANGE FROM DEC 1977	DEC 1978	DEC 1977	CHANGE FROM DEC 1977	DEC 1978	DEC 1977	DEC 1978	DEC 1977
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
WEST NORTH CENTRAL -CON.									
SOUTHERN CIRCLE									
ST LOUIS - CARKS	3,265	177	160,656	148,163	8.4	3.88	3.93	1,586	1,548
GREAT KANSAS CITY	1,355	143	67,930	70,653	3.9	3.87	3.91	1,696	1,642
NEOSHO VALLEY	24	12	506	675	34.2	4.02	3.88	1,462	1,825
WICHITA	435	110	21,072	28,472	26.0	3.91	3.85	2,157	2,072
AVERAGE CR TOTAL 1/	5,083	88	250,604	248,003	1.0	3.88	3.91	—	—
EAST SOUTH CENTRAL									
PAULCAR	191	27	9,205	10,355	11.4	4.00	4.06	1,555	1,538
NASHVILLE	724	84	38,758	43,837	11.6	3.84	3.92	1,727	1,735
MEMPHIS	528	15	24,763	24,767	0	3.85	3.94	2,192	2,290
TENNESSEE VALLEY	1,652	137	87,603	55,715	8.5	3.88	3.96	1,710	1,725
AVERAGE CR TOTAL 1/	3,096	263	160,333	174,714	8.2	3.87	3.95	—	—
WEST SOUTH CENTRAL									
NORTHERN CIRCLE									
CENTRAL ARKANSAS-FORT SMITH 2/	846	62	33,736	33,776	.1	3.71	3.75	1,962	1,859
OKLAHOMA METROPOLITAN	1,405	157	64,006	66,772	4.1	3.81	3.77	2,116	2,034
RED RIVER VALLEY	158	73	7,846	5,472	17.2	3.77	3.74	2,083	1,553
TEXAS PANHANDLE	164	27	6,856	7,562	9.3	3.74	3.66	2,500	2,784
LLEBOCK - FLAINVIEW	66	2	6,164	6,055	.6	3.71	3.69	5,726	5,151
AVERAGE CR TOTAL 1/	2,635	237	110,548	123,637	4.1	3.77	3.75	—	—
SOUTHERN CIRCLE									
GREAT LOUISIANA	694	220	50,434	53,318	5.4	3.79	3.84	2,344	1,882
NEW ORLEANS-MISSISSIPPI	1,671	1	91,417	89,890	1.7	3.79	3.80	1,765	1,736
TEXAS	3,348	245	253,957	250,511	1.0	3.75	3.76	2,832	2,612
AVERAGE CR TOTAL 1/	5,713	464	435,808	434,119	.4	3.76	3.78	—	—
MOUNTAIN									
EASTERN COLORADO	898	105	73,520	69,464	6.4	3.80	3.75	2,655	2,225
GREAT BASIN	732	65	61,262	63,055	2.8	3.80	3.72	2,700	2,551
WESTERN COLORADO	57	2	6,055	5,563	8.9	3.89	3.82	3,425	3,263
CENTRAL ARIZONA	155	7	68,834	74,066	7.1	3.83	3.76	14,982	15,766
RIC GRANDE VALLEY	162	29	41,325	34,525	18.3	3.65	3.68	10,178	8,553
LAKE MEAD	45	14	10,161	11,361	10.6	3.55	3.45	6,685	10,471
AVERAGE CR TOTAL 1/	2,054	154	261,661	258,478	1.2	3.78	3.72	—	—
PACIFIC									
PLGET SCUNE	1,205	25	144,531	137,514	5.1	3.83	3.90	3,865	3,555
INLAND EMPIRE	301	26	23,895	27,035	11.6	3.86	3.97	2,561	2,667
OREGON - WASHINGTON	975	3	117,052	112,055	4.4	3.96	3.94	3,873	3,719
AVERAGE CR TOTAL 1/	2,481	52	285,482	276,612	3.2	3.88	3.92	—	—
46-MARKET AVG. CR TOTAL 1/	114,888	4,303	6,218,322	6,226,056	.1	3.81	3.81	1,746	1,685
ALL-MARKET AVG. CR TOTAL	118,096	4,277	6,263,652	6,365,947	0	3.81	3.81	1,738	1,678

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 5.- PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, DECEMBER

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			? USED IN CL. 1		GROSS CLASS I		DELIVERIES AS % OF GR. CL. 1	
	DEC 1978	DEC 1977	CHANGE FROM DEC 1977	DEC 1978	DEC 1977	DEC 1978	CHANGE FROM DEC 1977	DEC 1978	DEC 1977
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
NEW ENGLAND									
NEW ENGLAND	247,788	257,602	3.8-	60	62	248,284	3.8-	165	160
AVERAGE CR TOTAL 1/	247,788	257,602	3.8-	60	62	---	---	---	---
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	411,917	396,125	4.0	51	50	411,917	4.0	195	198
MIDDLE ATLANTIC	248,796	280,723	11.4-	55	55	264,288	10.8-	170	161
AVERAGE CR TOTAL 1/	660,713	676,848	2.4-	53	54	---	---	---	---
SOUTH ATLANTIC									
TAMPA BAY	43,023	43,023	0	92	92	47,449	.2	99	98
SOUTHEASTERN FLORIDA	64,228	65,271	1.6-	51	94	71,423	2.5	98	100
UPPER FLORIDA	55,705	52,395	6.3	94	94	60,851	5.0	98	96
GEORGIA	102,053	99,686	2.4	71	74	103,713	.2	138	130
AVERAGE CR TOTAL 1/	265,009	260,275	1.8	82	85	---	---	---	---
EAST NORTH CENTRAL									
EASTERN CFCLP									
SOUTHERN MICHIGAN	194,054	201,686	3.9-	56	58	193,078	4.5-	175	171
EASTERN OHIO-WESTERN PA.	176,794	184,370	4.1-	66	67	177,506	3.9-	151	145
OHIO VALLEY	160,187	181,081	11.5-	66	66	172,611	11.8-	141	139
AVERAGE CR TOTAL 1/	531,035	567,137	6.4-	62	63	---	---	---	---
WESTERN CFCLP									
MICHIGAN UPPER PENINSULA	4,036	3,776	6.9	56	53	4,707	7.8	152	164
CHICAGO REGIONAL	255,545	268,679	4.9-	32	34	256,109	4.9-	311	294
LSVILLE-LXCTON-EVNSVILLE	57,938	64,444	10.1-	64	69	58,357	10.0-	155	144
INDIANA	103,262	93,949	9.9	71	71	111,524	12.4	130	134
SOUTHERN ILLINOIS	48,128	50,746	5.2-	60	59	50,151	5.6-	159	162
CENTRAL ILLINOIS	14,833	14,383	3.1	61	69	15,368	5.4-	159	128
AVERAGE CR TOTAL 1/	483,742	495,977	2.5-	42	44	---	---	---	---
WEST NORTH CENTRAL									
NORTHERN CFCLP									
UPPER MIDWEST	142,541	140,368	1.5	24	24	143,560	2.0	422	420
EASTERN SOUTH DAKOTA	11,591	12,124	4.4-	53	56	11,640	4.9-	188	177
BLACK HILLS	4,150	3,764	10.2	68	67	4,433	15.5	136	146
IOWA	64,490	68,261	5.5-	44	49	64,952	5.6-	223	203
NEBRASKA - WESTERN IOWA	44,254	48,499	8.8-	50	58	47,032	4.2-	188	170
AVERAGE CR TOTAL 1/	202,536	204,755	1.1-	28	29	---	---	---	---

CONTINUED

TABLE 5.-FRODOER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, DECEMBER -CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			USED IN CL. I		GROSS CLASS I		DELIVERIES AS % OF GR. CL. I	
	DEC 1978	DEC 1977	CHANGE FROM DEC 1977	DEC 1978	DEC 1977	DEC 1978	CHANGE FROM DEC 1977	DEC 1978	DEC 1977
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
WEST NORTH CENTRAL -CON.									
SOUTHERN OKLAHOMA									
ST LOUIS - CARKS	109,268	106,575	2.5	68	72	113,006	.6-	142	130
GREATER KANSAS CITY	40,222	43,730	8.0-	55	62	41,272	7.9-	164	158
NECASH VALLEY	638	603	5.8	70	85	675	9.2	134	109
WICHITA	16,743	18,001	7.0-	75	63	16,850	8.0-	125	155
AVERAGE CR TOTAL 1/	166,871	168,505	1.2-	66	68	---	---	---	---
EAST SOUTH CENTRAL									
PACIFIC	7,252	7,743	6.3-	75	74	7,252	6.3-	127	134
NASHVILLE	24,271	26,554	8.6-	63	60	24,477	10.1-	158	161
MEMPHIS	20,128	20,687	2.7-	81	84	22,252	19.1-	111	50
TENNESSEE VALLEY	65,606	72,275	9.2-	75	76	70,262	4.4-	125	130
AVERAGE CR TOTAL 1/	117,257	127,263	7.5-	73	73	---	---	---	---
WEST SOUTH CENTRAL									
NORTHERN OKLAHOMA									
CENTRAL ARKANSAS-FORT SMITH 2/	26,950	25,115	7.4-	80	86	25,069	10.6-	116	104
OKLAHOMA METROPOLITAN	45,363	48,077	5.6-	71	72	47,783	2.5-	134	136
RED RIVER VALLEY	5,275	7,285	27.5-	67	77	5,348	27.2-	147	129
TEXAS PANHANDLE	6,127	6,422	4.6-	85	85	6,127	4.6-	112	118
LUBBOCK - PLAINVIEW	5,566	5,598	.6-	91	92	5,567	.6-	110	108
AVERAGE CR TOTAL 1/	89,285	86,501	7.5-	75	78	---	---	---	---
SOUTHERN OKLAHOMA									
GREATER LOUISIANA	42,230	43,755	3.5-	84	82	42,321	4.9-	115	120
NEW ORLEANS-MISSISSIPPI	62,510	65,776	4.4-	65	73	64,379	7.8-	142	125
TEXAS	218,505	222,286	1.7-	74	76	215,641	2.0-	134	130
AVERAGE CR TOTAL 1/	323,645	331,817	2.5-	74	76	---	---	---	---
MOUNTAIN									
EASTERN COLORADO	52,405	52,647	.7	71	75	56,247	1.9	131	126
GREAT BASIN	37,188	37,374	.5-	61	55	38,610	.2	155	164
WESTERN COLORADO	5,574	4,165	17.0	52	86	5,778	16.6	105	112
CENTRAL ARIZONA	47,735	48,624	1.8-	65	66	47,739	1.8-	144	152
RIO GRANDE VALLEY	28,108	27,713	1.4	68	75	28,364	1.7	146	125
LAKE MEAD	7,856	7,172	1.1	77	68	7,964	.7	128	144
AVERAGE CR TOTAL 1/	178,874	178,295	.3	68	65	---	---	---	---
PACIFIC									
PLACET SCUNC	63,810	60,876	4.8	44	44	67,484	5.0	214	214
INLAND EMPIRE	12,758	14,295	11.4-	53	53	13,113	9.0-	182	188
OREGON - WASHINGTON	69,015	69,062	.1-	55	62	73,615	1.0	155	154
AVERAGE CR TOTAL 1/	145,583	144,237	.9	51	52	---	---	---	---
46-MARKET AVG. CR TOTAL 1/	3,412,338	3,510,016	2.8-	55	56	---	---	---	---
ALL-MARKET AVG. CR TOTAL	3,476,828	3,578,277	2.8-	55	56	---	---	---	---

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

Table 6.--Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, December and year to date with comparisons 1/

Marketing area	: Producer deliveries:				: % Used				: Producer deliveries :				: % Used	
	: used in Class II :				: in Cl. II				: used in Class II :				: in Cl. II	
	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.	Dec.	Cum.*	Cum.*	Cum.*	Cum.*	Cum.*	Cum.*
	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977
	1,000 lb.		Percent		1,000 lb.		Percent		1,000 lb.		Percent		1,000 lb.	
SOUTH ATLANTIC														
Georgia	8,551	7,524	6.0	5.6	124,978	105,815	7.9	8.4						
EAST NORTH CENTRAL														
Eastern Group														
Southern Michigan	25,540	26,631	7.4	7.7	306,076	284,754	7.3	6.8						
Eastern Ohio-W. Pa.	16,627	16,252	6.2	5.9	227,281	215,959	6.6	6.2						
Ohio Valley	18,042	20,058	7.4	7.4	257,838	263,909	8.7	8.4						
Western Group														
Chicago Regional	73,182	83,047	9.2	10.5	1,121,877	1,149,900	11.0	11.4						
Louisville-Lex.-Evans.	5,646	6,739	6.2	7.2	87,932	78,676	7.7	6.6						
Indiana	15,658	17,909	10.8	13.5	271,659	268,040	14.1	13.2						
Southern Illinois	8,402	9,590	10.5	11.1	120,939	125,212	11.9	11.4						
Central Illinois	1,217	961	5.0	4.6	17,540	14,001	6.3	5.4						
WEST NORTH CENTRAL														
Northern Group														
Upper Midwest	18,435	19,491	3.0	3.3	283,215	264,851	3.9	3.8						
Eastern South Dakota	1,948	1,681	8.9	7.8	35,125	35,867	12.6	12.3						
Iowa 2/	8,190	9,168	5.7	6.6	122,726	126,260	6.7	7.4						
Nebraska-Western Iowa	6,456	8,677	7.3	10.4	120,688	124,423	11.3	11.4						
Southern Group														
St. Louis-Ozarks	24,937	17,237	15.5	11.6	278,256	246,155	15.1	13.6						
Kansas City	8,051	7,460	11.9	10.6	140,632	145,523	16.4	15.0						
Neosho Valley	11	10	1.2	1.5	213	180	2.4	2.6						
Wichita	2,903	2,463	13.8	8.7	39,621	32,192	13.0	9.4						
EAST SOUTH CENTRAL														
Paducah	1,110	1,106	12.1	10.6	14,107	14,117	12.5	11.7						
Nashville	2,146	2,080	5.5	4.7	27,609	28,747	5.6	4.9						
Memphis	2,919	2,556	11.8	10.3	35,779	32,642	11.9	10.6						
Tennessee Valley	5,244	8,298	6.0	8.7	106,494	115,342	9.7	9.9						

Table 6.--Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, December and year to date with comparisons 1/ -Con.

Marketing area	: Producer deliveries :				: % Used :		: Producer deliveries :				: % Used :	
	: used in Class II :				: in Cl. II :		: used in Class II :				: in Cl. II :	
	: Dec. :		: Dec. :		: Dec. :		: Dec. :		: Cum.* :		: Cum.* :	
	: 1978 :	: 1977 :	: 1978 :	: 1977 :	: 1978 :	: 1977 :	: 1978 :	: 1977 :	: 1978 :	: 1977 :	: 1978 :	: 1977 :
	: 1,000 lb. :				: Percent :		: 1,000 lb. :				: Percent :	
WEST SOUTH CENTRAL												
Northern Group												
Central Arkansas-												
Fort Smith 3/	:	1,693 :	2,384 :	5.0 :	7.1 :	:	23,430 :	24,443 :	6.3 :	6.4 :		
Oklahoma Metropolitan	:	8,005 :	6,408 :	12.5 :	9.6 :	:	115,916 :	108,485 :	14.3 :	13.0 :		
Red River Valley	:	2,050 :	1,357 :	26.1 :	14.3 :	:	26,569 :	18,124 :	23.9 :	13.8 :		
Texas Panhandle	:	603 :	734 :	8.8 :	9.7 :	:	9,512 :	8,283 :	10.4 :	8.0 :		
Lubbock-Plainview	:	197 :	313 :	3.2 :	5.2 :	:	3,397 :	3,151 :	4.8 :	4.2 :		
Southern Group												
Greater Louisiana	:	2,011 :	2,568 :	4.0 :	4.8 :	:	32,394 :	38,095 :	5.1 :	6.1 :		
New Orleans-Mississippi	:	7,616 :	7,365 :	8.3 :	8.2 :	:	107,878 :	110,021 :	9.5 :	10.0 :		
Texas	:	31,297 :	29,544 :	10.6 :	10.2 :	:	398,242 :	408,661 :	11.6 :	11.8 :		
MOUNTAIN												
Eastern Colorado	:	5,996 :	6,270 :	8.1 :	9.0 :	:	97,767 :	88,816 :	11.1 :	10.8 :		
Great Basin	:	2,617 :	3,306 :	4.3 :	5.2 :	:	41,819 :	48,201 :	5.6 :	6.3 :		
Central Arizona	:	8,949 :	9,932 :	13.0 :	13.4 :	:	120,776 :	117,359 :	14.2 :	13.6 :		
Rio Grande Valley	:	6,007 :	5,375 :	14.5 :	15.4 :	:	104,913 :	59,891 :	21.7 :	14.2 :		
Lake Mead	:	627 :	632 :	6.2 :	5.6 :	:	8,312 :	7,765 :	6.1 :	5.7 :		
PACIFIC												
Puget Sound	:	15,783 :	15,889 :	10.9 :	11.6 :	:	216,238 :	212,101 :	12.3 :	12.6 :		
Inland Empire	:	1,388 :	2,399 :	5.8 :	8.9 :	:	27,592 :	28,973 :	8.9 :	10.1 :		
Oregon-Washington	:	14,396 :	12,840 :	12.3 :	11.5 :	:	194,963 :	174,542 :	13.4 :	12.4 :		

* Year to date.

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped.

2/ The data for January-April 1977 represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 7.-FRODCLER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES LSEC IN CLASS I
JANUARY - DECEMBER

MARKETING AREA	PRODUCER DELIVERIES			FRODCLER DELIVERIES LSEC IN CLASS I			% LSEC IN CL. I	
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977	1978	1977
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT	PERCENT	
NEW ENGLAND								
NEW ENGLAND	5,045,660	4,993,124	1.0	2,515,747	2,537,082	0.6-	58	59
TOTAL 1/	5,045,660	4,993,124	1.0	2,515,747	2,537,082	.6-	58	59
MIDDLE ATLANTIC								
NEW YORK-NEW JERSEY	9,877,439	9,628,503	2.6	4,715,111	4,543,955	3.8	48	47
MIDDLE ATLANTIC	5,420,360	5,664,095	4.3-	2,955,476	3,265,925	8.3-	55	58
TOTAL 1/	15,297,799	15,292,598	0	7,714,587	7,809,520	1.2-	50	51
SOUTH ATLANTIC								
TAMPA BAY	533,881	536,386	.5-	465,071	473,171	2.5	91	88
SOUTHEASTERN FLORIDA	784,553	762,772	2.8	725,610	653,528	4.6	92	91
UPPER FLORIDA	680,610	666,140	2.2	635,021	617,325	3.5	94	93
GEORGIA	1,500,357	1,528,035	3.4	1,227,145	1,188,506	3.2	78	78
TOTAL 1/	3,575,641	3,455,335	2.4	3,076,854	2,972,530	3.5	86	85
EAST NORTH CENTRAL								
EASTERN CLEVELAND								
SOUTHERN MICHIGAN	4,208,404	4,175,087	.7	2,290,074	2,251,728	1.7	54	54
EASTERN OHIO-WESTERN PA.	3,433,746	3,493,052	1.7-	2,055,656	2,058,590	1.9-	60	60
OHIO VALLEY	2,553,828	3,155,853	6.4-	1,822,084	1,542,368	5.7-	62	62
TOTAL 1/	10,595,978	10,827,992	2.1-	6,180,854	6,252,686	1.8-	58	58
WESTERN CLEVELAND								
MICHIGAN UPPER PENINSULA	88,107	84,188	4.6	50,082	48,356	3.6	57	57
CHICAGO REGIONAL	10,186,414	10,067,425	1.2	3,017,438	3,053,246	1.2-	30	30
LSVILLE-LXCTON-EVNSVILLE	1,147,655	1,157,236	4.1-	703,352	741,706	5.2-	61	62
INDIANA	1,931,591	2,023,610	4.5-	1,325,918	1,333,783	.6-	69	66
SOUTHERN ILLINOIS	1,013,056	1,095,411	7.5-	573,880	583,445	1.6-	57	53
CENTRAL ILLINOIS	278,602	258,201	7.5	166,164	161,770	2.7	60	63
TOTAL 1/	14,645,825	14,726,077	.5-	5,836,854	5,922,310	1.4-	40	40
WEST NORTH CENTRAL								
NORTHERN CLEVELAND								
UPPER MICHIGAN	7,305,103	7,001,260	4.3	1,575,663	1,557,101	1.4	22	22
EASTERN SOUTH DAKOTA	278,286	291,996	4.7-	135,652	135,520	2.3	50	46
BLACK HILLS	76,620	73,392	4.4	46,851	38,456	21.8	61	52
ICHA 2/	1,839,281	1,687,461	9.0	765,583	745,683	2.6	42	44
NEBRASKA - WESTERN ICHA	1,066,030	1,051,533	2.4-	533,135	548,815	2.8-	50	50
TOTAL 1/	8,726,039	8,458,581	3.2	2,296,361	2,279,536	.8	26	27

CONTINUED

TABLE 7.-PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
JANUARY - DECEMBER -CON.

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1978	1977	CHANGE 1978 OVER 1977	1978	1977	CHANGE 1978 OVER 1977	1978	1977
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT		PERCENT
WEST NORTH CENTRAL -CON.								
SOUTHERN GROUP								
ST. LOUIS - C2AFKS	1,848,222	1,804,802	2.4	1,264,262	1,212,177	4.3	68	67
GREATER KANSAS CITY	855,835	970,887	11.8-	483,182	509,618	5.2-	56	52
NEOSHO VALLEY	8,575	6,794	32.1	7,440	6,175	20.4	83	91
WICHITA	305,586	341,585	10.5-	203,877	205,270	.7-	67	60
TOTAL 1/	3,018,618	3,124,068	3.4-	1,958,761	1,933,244	1.3	65	62
EAST SOUTH CENTRAL								
PADUCAH	112,540	120,888	6.9-	88,769	94,440	6.0-	79	78
NASHVILLE	495,493	585,578	15.4-	257,453	327,340	9.1-	60	56
MEMPHIS	301,685	308,398	2.2-	251,173	259,494	3.2-	83	84
TENNESSEE VALLEY	1,100,565	1,159,776	5.1-	839,044	861,162	2.6-	76	74
TOTAL 1/	2,010,703	2,175,040	7.6-	1,476,479	1,542,436	4.3-	73	71
WEST SOUTH CENTRAL								
NORTHERN GROUP								
CENTRAL ARKANSAS-FORT SMITH 2/	371,897	381,855	2.6-	324,123	322,458	.5	87	84
OKLAHOMA METROPOLITAN	812,741	833,655	2.5-	545,452	546,057	.1-	67	66
RED RIVER VALLEY	111,292	130,977	15.0-	76,718	92,686	17.2-	69	71
TEXAS PANHANDLE	91,407	103,595	11.8-	77,228	76,089	1.5	84	73
LUBBOCK - PLAINVIEW	70,792	75,495	6.2-	64,068	65,163	1.7-	90	86
TOTAL 1/	1,458,129	1,525,581	4.4-	1,087,589	1,102,453	1.3-	74	72
SOUTHERN GROUP								
GREATER LOUISIANA	640,194	625,322	2.4	531,200	526,997	.8	83	84
NEW ORLEANS-MISSISSIPPI	1,135,545	1,100,539	3.2	752,759	750,165	.3	70	72
TEXAS	3,419,488	3,457,286	1.1-	2,641,321	2,598,705	1.6	77	75
TOTAL 1/	5,195,627	5,183,147	.2	3,965,280	3,915,871	1.3	76	76
MOUNTAIN								
EASTERN COLORADO	878,582	819,479	7.3	625,980	605,055	4.1	72	74
GREAT BASIN	747,420	770,587	3.0-	440,110	423,400	3.9	59	55
WESTERN COLORADO	71,218	72,566	1.8-	62,327	54,527	14.3	88	75
CENTRAL ARIZONA	852,686	865,612	1.5-	565,851	537,822	5.2	66	62
RIO GRANDE VALLEY	483,133	420,658	14.8	342,965	329,476	4.1	71	78
LAKE MEAD	136,272	135,760	.4	100,555	92,381	8.9	74	68
TOTAL 1/	3,169,711	3,085,062	2.7	2,141,868	2,042,661	4.8	68	66
PACIFIC								
PUGET SOUND	1,758,268	1,677,017	4.8	731,634	688,480	6.3	42	41
INLAND EMPIRE	311,672	288,016	8.2	161,389	142,631	13.2	52	50
OREGON - WASHINGTON	1,453,963	1,407,256	3.3	826,220	793,514	4.1	57	56
TOTAL 1/	3,523,903	3,372,289	4.5	1,719,243	1,624,625	5.8	49	48
46-MARKET TOTAL 1/	76,267,633	76,259,294	0	40,376,574	40,375,754	0	53	53
ALL-MARKET TOTAL	78,106,514	77,546,755	.2	41,145,557	41,125,437	0	53	53

1/ Based on markets where orders were effective entire period, 1977-78, and which have had no significant marketing area changes. Excludes Iowa.

2/ Data for January-April 1977 represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 8—WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, NOVEMBER 1978 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/					LOWFAT AND SKIM MILK ITEMS 3/					TOTAL				
	NOVEMBER 1978		CHANGE 1978 FROM 1977			NOVEMBER 1978		CHANGE 1978 FROM 1977			NOVEMBER 1978		CHANGE 1978 FROM 1977		
	SALES	BUTTER-FAT CONTENT	NOV	PERCENT	DATE	SALES	BUTTER-FAT CONTENT	NOV	PERCENT	DATE	SALES	BUTTER-FAT CONTENT	NOV	PERCENT	DATE
	MIL. LB.					MIL. LB.					MIL. LB.				
NEW ENGLAND	191.4	3.38	- 0.7	- 2.6		56.1	0.98	5.5	8.1		247.5	2.83	0.6	- 0.4	
NEW ENGLAND	191.4	3.38	- .7	- 2.6		56.1	.98	5.5	8.1		247.5	2.83	.6	- .4	
MIDDLE ATLANTIC	165.1	3.28	- 4.5	- 3.9		74.2	1.29	5.1	5.2		243.3	2.67	- 1.7	- 1.4	
MIDDLE ATLANTIC	169.1	3.28	- 4.5	- 3.9		74.2	1.29	5.1	5.2		243.3	2.67	- 1.7	- 1.4	
SOUTH ATLANTIC	164.7	3.30	.5	.4		81.2	1.21	4.3	4.8		245.9	2.61	1.7	1.8	
TAMPA BAY	31.9	3.28	- 1.0	- 1.2		14.8	1.09	14.5	9.8		46.7	2.59	3.4	1.8	
SOUTHEASTERN FLORIDA	41.5	3.34	2.1	1.5		18.8	1.30	8.3	7.4		60.3	2.70	3.9	3.2	
UPPER FLORIDA	37.9	3.27	3.3	2.6		15.5	1.18	7.2	9.9		53.3	2.66	4.4	4.5	
GEORGIA	53.6	3.31	- 1.8	- .9		32.1	1.23	- 3.0	- .7		85.6	2.53	- 2.2	- .8	
EAST NORTH CENTRAL	591.2	3.29	- 5.7	- 4.2		430.7	1.59	6.2	4.0		1,021.9	2.57	- 1.0	- 1.0	
EASTERN GROUP															
SOUTHERN MICHIGAN	120.8	3.27	- 4.8	- 3.2		65.8	1.03	4.3	2.5		186.6	2.48	- 1.8	- 1.3	
E. OHIO - W. PA.	124.1	3.29	- 4.3	- 5.1		55.9	1.70	8.3	5.3		179.9	2.80	- .7	- 2.2	
OHIO VALLEY	98.9	3.26	- 9.1	- 4.2		73.1	1.68	9.4	3.5		172.0	2.59	- 2.0	- 1.3	
WESTERN GROUP															
MICH. UPPER PENINSULA	3.6	3.35	- 21.9	- 5.5		3.0	1.74	- 19.6	10.0		6.6	2.61	- 20.8	1.3	
CHICAGO REGIONAL	133.4	3.31	- 4.3	- 4.4		117.8	1.65	7.2	5.7		251.2	2.53	.8	0	
LOUIS. - LEX. - EVANS	25.1	3.29	- 7.7	- 5.1		27.8	1.75	3.9	4.3		56.9	2.54	- 2.4	- .8	
INDIANA	48.6	3.32	- 7.3	- 4.9		54.3	1.76	3.9	2.7		102.9	2.50	- 1.7	- 1.2	
SOUTHERN ILLINOIS	23.0	3.24	- 1.2	0		22.0	1.72	2.2	1.0		45.0	2.49	.4	.5	
CENTRAL ILLINOIS	9.9	3.28	- 3.5	- 6.8		10.9	1.68	11.0	4.1		20.7	2.44	3.6	- 1.6	
WEST NORTH CENTRAL	149.0	3.30	- 5.7	- 5.2		217.2	1.58	3.5	3.3		366.1	2.28	- .5	- .5	
NORTHERN GROUP															
UPPER MIDWEST	33.3	3.29	- 7.4	- 7.3		89.4	1.51	3.9	2.9		122.6	1.99	.6	- .2	
EASTERN SOUTH DAKOTA	3.4	3.28	- 1.7	- 3.2		6.3	1.76	5.3	5.7		9.7	2.29	2.7	2.3	
BLACK HILLS	1.2	3.33	- 1.1	1.3		1.7	2.00	4.6	5.6		3.0	2.55	2.2	3.7	
IOWA	22.5	3.40	- 4.2	- 4.7		39.1	1.70	3.6	5.2		61.6	2.32	.6	1.2	
NEBRASKA - WESTERN IOWA	21.6	3.32	- 4.5	- 4.3		23.0	1.67	5.3	4.0		44.6	2.47	.3	- .3	

CONTINUED

TABLE 8.—WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLO IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, NOVEMBER 1978 WITH COMPARISONS 1/ -CON.

MARKETING AREA	WHOLE MILK ITEMS 2/					LOWFAT AND SKIM MILK ITEMS 3/					TOTAL				
	NOVEMBER 1978		CHANGE 1978 FROM 1977			NOVEMBER 1978		CHANGE 1978 FROM 1977			NOVEMBER 1978		CHANGE 1978 FROM 1977		
	SALES	BUTTER-FAT CONTENT	NOV	YEAR TO DATE	PERCENT	SALES	BUTTER-FAT CONTENT	NOV	YEAR TO DATE	PERCENT	SALES	BUTTER-FAT CONTENT	NOV	YEAR TO DATE	PERCENT
	MIL. LB.					MIL. LB.					MIL. LB.				
WEST NORTH CENTRAL-CCN.															
SOUTHERN GROUP															
ST. LOUIS - OZARKS	29.2	3.25	- 8.1	- 7.7		26.4	1.52	2.8	0.8		55.6	2.43	- 3.2	- 3.9	
GREATER KANSAS CITY	23.6	3.28	- 4.9	- 2.8		21.8	1.54	- .8	2.1		45.4	2.45	- 3.0	- .5	
NEOHO VALLEY	4.4	3.29	- 8.2	- 1.2		2.2	1.52	- .7	2.9		6.6	2.67	- 5.8	- .1	
WICHITA	9.9	3.28	- 1.4	- 2.5		7.2	1.52	7.4	6.4		17.2	2.54	- 2.1	- .9	
EAST SOUTH CENTRAL	71.5	3.33	- 3.9	- 2.7		48.3	1.51	3.5	3.8		119.7	2.60	- 1.0	- .3	
PAOUCAH	4.9	3.26	- 8.0	- 3.2		2.6	1.46	- 1.0	1.6		7.5	2.64	- 5.7	- 1.7	
NASHVILLE	20.5	3.32	- 4.3	- 3.6		10.6	1.50	- 1.9	- .1		31.0	2.70	- 4.3	- 2.4	
MEMPHIS	12.6	3.34	- 1.2	- 3.3		6.2	1.23	- 1.9	- 4.4		18.8	2.65	- 1.4	- 3.7	
TENNESSEE VALLEY	33.5	3.34	- 3.9	- 1.9		28.9	1.58	8.4	7.6		62.5	2.52	- 1.4	- 2.1	
WEST SOUTH CENTRAL	310.9	3.41	1.0	.8		96.6	1.35	.5	3.5		407.5	2.92	.9	1.4	
NORTHERN GROUP															
CENTRAL ARKANSAS	14.2	3.37	6.7	6.0		6.7	1.61	12.5	8.4		20.9	2.81	8.5	6.8	
FORT SMITH	1.5	3.34	3.9	1.0		.8	1.48	33.2	17.6		2.3	2.70	12.5	5.5	
OKLAHOMA METROPOLITAN	24.5	3.29	- 8.4	- 2.6		9.2	1.46	- 3.0	2.0		33.7	2.79	- 7.0	- 1.4	
RED RIVER VALLEY	10.1	3.37	.5	- 3.2		2.0	1.21	- 2.0	3.6		12.1	3.02	- .1	- 2.1	
TEXAS PANHANDLE	6.3	3.39	4.3	.6		1.4	1.58	2.4	5.8		7.7	3.06	4.0	1.5	
LUBBOCK - PLAINVIEW	4.7	3.40	.2	- 5.1		1.6	1.43	- 9.0	14.4		6.3	2.91	- 2.2	- 1.0	
SOUTHERN GROUP															
GREATER LOUISIANA	38.8	3.56	.1	.4		10.5	1.63	1.9	8.0		49.3	3.15	.5	1.9	
NEW ORLEANS - MISS.	48.5	3.58	- 4.5	- 3.1		13.6	1.38	3.0	7.3		62.1	3.10	- 2.9	- 1.1	
TEXAS	162.3	3.35	4.0	2.9		50.9	1.24	- 1.2	.9		213.2	2.84	- 2.7	- 2.4	
MOUNTAIN	105.2	3.39	2.2	2.9		82.7	1.71	8.2	8.5		187.9	2.65	4.8	5.2	
EASTERN COLORADO	26.8	3.30	4.1	3.5		25.6	1.78	5.0	5.3		52.4	2.56	4.6	4.4	
GREAT BASIN	14.3	3.30	.6	1.8		23.4	1.85	7.3	6.1		37.8	2.40	4.6	4.4	
WESTERN COLORADO	2.5	3.28	27.9	16.5		2.0	1.81	32.6	27.0		4.5	2.63	29.9	20.7	
CENTRAL ARIZONA	29.3	3.52	- .5	2.3		19.7	1.51	9.0	10.8		49.0	2.71	3.1	5.4	
RIO GRANDE VALLEY	25.3	3.40	2.0	0		7.5	1.47	2.9	12.6		32.8	2.96	2.2	2.6	
LAKE MEAD	6.9	3.42	3.2	12.3		4.6	1.87	33.4	17.1		11.5	2.80	13.5	14.0	
PACIFIC	56.8	3.36	.1	.6		84.8	1.83	4.8	6.8		141.6	2.44	2.9	4.2	
PUGET SOUND	22.1	3.33	1.7	1.0		33.9	1.87	4.8	7.0		56.0	2.45	3.6	4.5	
INLAND EMPIRE	4.4	3.33	6.6	3.7		9.4	1.80	10.9	7.5		13.8	2.29	9.5	6.2	
OREGON - WASHINGTON	30.3	3.38	- 2.0	0		41.5	1.81	3.5	6.5		71.7	2.47	1.1	3.6	
COMBINED AREAS (46)	1,809.8	3.33	- 2.7	- 2.3		1,171.8	1.52	4.9	4.6		2,981.6	2.62	.1	.3	
COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION 4/	1,795.2	—	- 3.4	- 2.2		1,173.7	—	4.8	4.7		2,965.3	—	- .3	.3	
NEW YORK - NEW JERSEY 5/	—	—	—	—		—	—	—	—		407.3	—	- .9	- .6	

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk and buttermilk.

4/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMOS - 221, July 1978.

5/ Small amount of sales estimated.

TABLE 9.--PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN 46 SELECTED MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON- TENT	CHANGE 1978 FROM 1977		SALES	BF. CON- TENT	CHANGE 1978 FROM 1977		SALES	BF. CON- TENT	CHANGE 1978 FROM 1977	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	MIL.-LB.		PERCENT		MIL.-LB.		PERCENT		MIL.-LB.		PERCENT	
FLUID WHOLE MILK PRODUCTS*	1,923	3.34	- 1.0 - 1.0	1.0	1,730	3.34	- 1.2 - 1.1	1.1	1,900	3.33	- 2.6 - 1.6	
WHOLE MILK	1,844	3.34	- .9 - .9	.9	1,653	3.33	- .9 - .9	.9	1,817	3.32	- 1.9 - 1.2	
FLAVORED WHOLE MILK PRODUCTS	79	3.37	- 3.2 - 3.2	3.2	77	3.37	- 7.1 - 5.2	5.2	84	3.35	- 15.4 - 9.0	
FLUID LOWFAT AND SKIM MILK PRODUCTS*	1,149	1.51	6.0 6.0	6.0	1,059	1.50	6.1 6.0	6.0	1,176	1.49	4.6 5.5	
2% LOWFAT MILK PRODUCTS 2/												
2% LOWFAT MILK - PLAIN	600	1.83	9.9 9.9	9.9	545	1.82	9.1 9.5	9.5	612	1.81	11.2 10.1	
2% LOWFAT MILK - MILK SOLIDS ADDED	277	1.53	2.4 2.4	2.4	253	1.54	6.1 4.1	4.1	272	1.54	- 1.4 2.2	
SKIM MILK PRODUCTS												
SKIM MILK - PLAIN	66	.25	5.1 5.1	5.1	62	.25	2.6 3.9	3.9	69	.24	5.5 4.5	
SKIM MILK - MILK SOLIDS ADDED	65	.28	- 8.6 - 8.6	- 8.6	62	.29	- 7.2 - 7.9	7.9	71	.29	- 7.9 - 7.9	
FLAVORED LOWFAT AND SKIM MILK PRODS	86	1.40	9.4 9.4	9.4	87	1.39	5.3 7.3	7.3	94	1.37	- 3.5 3.2	
BUTTERMILK	56	1.07	.5 .5	.5	51	1.06	- .7 - .1	.1	57	1.06	- 1.5 - .6	
TOTAL	3,073	2.65	1.5 1.5	1.5	2,789	2.64	1.5 1.5	1.5	3,076	2.63	.0 1.0	
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	3,139	---	2.0 2.0	2.0	2,789	---	1.5 1.7	1.7	3,034	---	.6 .9	
PRODUCT NAME	APRIL				MAY				JUNE			
FLUID WHOLE MILK PRODUCTS*	1,758	3.32	- 5.1 - 2.5	2.5	1,825	3.32	.5 - 1.9	1.9	1,679	3.32	- 1.6 - 1.8	
WHOLE MILK	1,674	3.32	- 5.2 - 2.2	2.2	1,739	3.32	.8 - 1.6	1.6	1,629	3.32	- 1.4 - 1.6	
FLAVORED WHOLE MILK PRODUCTS	84	3.35	- 2.7 - 7.4	7.4	86	3.36	- 5.9 - 7.1	7.1	50	3.33	- 7.0 - 7.1	
FLUID LOWFAT AND SKIM MILK PRODUCTS*	1,104	1.49	3.1 4.9	4.9	1,141	1.49	9.2 5.8	5.8	1,024	1.49	4.1 5.5	
2% LOWFAT MILK PRODUCTS 2/												
2% LOWFAT MILK - PLAIN	568	1.81	8.6 9.7	9.7	589	1.81	16.1 11.0	11.0	558	1.79	13.4 11.3	
2% LOWFAT MILK - MILK SOLIDS ADDED	255	1.54	- 5.7 .2	.2	261	1.54	1.0 .3	.3	236	1.56	- 8.4 - 1.1	
SKIM MILK PRODUCTS												
SKIM MILK - PLAIN	66	.24	4.7 4.5	4.5	69	.24	14.6 6.5	6.5	65	.24	7.6 6.7	
SKIM MILK - MILK SOLIDS ADDED	66	.28	- 7.5 - 7.8	7.8	66	.28	- 6.6 - 7.6	7.6	60	.28	- 8.2 - 7.7	
FLAVORED LOWFAT AND SKIM MILK PRODS	95	1.37	11.3 5.2	5.2	100	1.37	8.7 5.9	5.9	49	1.39	- 4.5 4.8	
BUTTERMILK	54	1.05	- 5.7 - 1.9	1.9	57	1.05	- .3 - 1.6	1.6	56	1.06	- .2 - 1.4	
TOTAL	2,862	2.62	- 2.1 .2	.2	2,967	2.62	3.7 .9	.9	2,703	2.63	.5 .8	
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,936	---	2.0 1.2	1.2	2,940	---	.6 1.1	1.1	2,661	---	.5 .8	

CONTINUED

TABLE 9.—PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN 46 SELECTED MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JULY				AUGUST				SEPTEMBER			
	SALES	8F. CON- TENT	CHANGE 1978 FROM 1977		SALES	8F. CON- TENT	CHANGE 1978 FROM 1977		SALES	8F. CON- TENT	CHANGE 1978 FROM 1977	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
MIL. LB.	PERCENT	MIL. LB.	PERCENT	MIL. LB.	PERCENT	MIL. LB.	PERCENT					
FLUID WHOLE MILK PRODUCTS *	1,667	3.32 - 2.3 - 1.9	1,770	3.31 - 2.9 - 2.0	1,839	3.32 - 3.3 - 2.2						
WHOLE MILK	1,624	3.32 - 2.2 - 1.7	1,718	3.31 - 2.8 - 1.8	1,755	3.32 - 3.0 - 2.0						
FLAVORED WHOLE MILK PRODUCTS	44	3.34 - 6.3 - 7.0	52	3.34 - 7.5 - 7.1	84	3.31 - 9.9 - 7.5						
FLUID LOWFAT AND SKIM MILK PRODUCTS *	993	1.50 2.5 5.1	1,065	1.51 2.8 4.8	1,166	1.51 3.4 4.7						
2% LOWFAT MILK PRODUCTS 2/												
2% LOWFAT MILK - PLAIN	536	1.80 8.0 10.9	585	1.80 12.1 11.0	622	1.81 11.2 11.1						
2% LOWFAT MILK - MILK SOLIDS ADDED	243	1.57 - 1.8 - 1.2	247	1.56 - 9.2 - 2.2	251	1.57 - 7.7 - 2.9						
SKIM MILK PRODUCTS												
SKIM MILK - PLAIN	67	.28 15.0 7.8	69	.24 13.2 8.4	74	.26 16.3 9.4						
SKIM MILK - MILK SOLIDS ADDED	54	.27 - 20.2 - 9.4	58	.29 - 20.9 - 10.9	62	.29 - 17.8 - 11.7						
FLAVORED LOWFAT AND SKIM MILK PRODS	38	1.40 - 9.8 3.7	51	1.42 - .6 3.3	103	1.41 .5 2.9						
BUTTERMILK	55	1.04 - 2.8 - 1.6	56	1.17 - 2.9 - 1.7	54	1.05 - 2.3 - 1.8						
TOTAL	2,660	2.64 - .6 .6	2,835	2.63 - .8 .5	3,004	2.62 - .8 .3						
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,704	— - .5 .7	2,814	— - .7 .5	2,956	— - .9 .3						
PRODUCT NAME	OCTOBER				NOVEMBER				DECEMBER			
	SALES	8F. CON- TENT	CHANGE 1978 FROM 1977		SALES	8F. CON- TENT	CHANGE 1978 FROM 1977		SALES	8F. CON- TENT	CHANGE 1978 FROM 1977	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
MIL. LB.	PERCENT	MIL. LB.	PERCENT	MIL. LB.	PERCENT	MIL. LB.	PERCENT					
FLUID WHOLE MILK PRODUCTS *	1,847	3.33 - 2.4 - 2.2	1,810	3.33 - 2.7 - 2.3								
WHOLE MILK	1,760	3.33 - 2.1 - 2.0	1,732	3.33 - 2.4 - 2.0								
FLAVORED WHOLE MILK PRODUCTS	88	3.34 - 8.3 - 7.6	78	3.36 - 9.5 - 7.8								
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,181	1.51 4.3 4.6	1,172	1.52 4.9 4.6								
2% LOWFAT MILK PRODUCTS 2/												
2% LOWFAT MILK - PLAIN	630	1.81 12.8 11.2	625	1.81 11.4 11.3								
2% LOWFAT MILK - MILK SOLIDS ADDED	248	1.59 - 9.3 - 3.5	260	1.58 - 3.9 - 3.6								
SKIM MILK PRODUCTS												
SKIM MILK - PLAIN	77	.25 11.8 9.6	77	.25 11.9 9.8								
SKIM MILK - MILK SOLIDS ADDED	61	.29 - 12.6 - 11.8	57	.28 - 14.8 - 12.0								
FLAVORED LOWFAT AND SKIM MILK PRODS	110	1.39 4.7 3.1	100	1.41 4.6 3.3								
BUTTERMILK	54	1.05 - 2.1 - 1.8	53	1.08 - 2.2 - 1.9								
TOTAL	3,028	2.62 .1 .3	2,982	2.62 .1 .3								
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	3,093	— .6 .4	2,965	— - .3 .3								

* MAY INCLUDE SMALL AMOUNTS OF MISCELLANEOUS WHOLE MILK AND LOWFAT AND SKIM MILK PRODUCTS.
1/ SEE TABLE 8 FOR 46 MARKETS INCLUDED.
2/ INCLUDES 1% LOWFAT MILK PRODUCTS.
3/ FIGURES ARE ADJUSTED TO ELIMINATE VARIATIONS DUE TO CALENDAR COMPOSITION. SEE SPECIAL ARTICLE IN FMOS-221 JULY 1978.

TABLE 10.—PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, NOVEMBER 1978, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/				LOWFAT AND SKIM MILK ITEMS 4/				MILK AND CREAM MIXTURES				CREAM ITEMS 5/				TOTAL FLUID ITEMS 6/			
	SALES	8F. CON- TENT	CHANGE 1978 FROM 1977 7/	PERCENT	SALES	8F. CON- TENT	CHANGE 1978 FROM 1977 7/	PERCENT	SALES	8F. CON- TENT	CHANGE 1978 FROM 1977 7/	PERCENT	SALES	8F. CON- TENT	CHANGE 1978 FROM 1977 7/	PERCENT	SALES	8F. CON- TENT	CHANGE 1978 FROM 1977 7/	PERCENT
	MIL. LB.				MIL. LB.				MIL. LB.				MIL. LB.				MIL. LB.			
NEW ENGLAND	191	3.37	- 0.9		57	0.98	5.5		2.8	10.7	8.0		4.5	23.3	- 0.3		260	3.33	0.5	
MIDDLE ATLANTIC	165	3.29	- 15.9		75	1.30	- 7.4		1.8	10.9	- 8.0		1.4	22.2	- 30.2		246	2.87	- 13.7	
SOUTH ATLANTIC	175	3.31	1.7		83	1.22	6.2		2.0	10.6	- 8.5		1.3	21.4	- 18.5		263	2.80	2.8	
EAST NORTH CENTRAL	597	3.28	- 5.6		434	1.59	5.6		10.5	10.8	- 3.3		12.9	19.2	- .8		1,061	2.87	- 1.3	
WEST NORTH CENTRAL	184	3.29	- 2.4		247	1.57	5.2		4.1	10.9	- 11.2		5.2	23.9	- 4.7		443	2.66	1.5	
EAST SOUTH CENTRAL	74	3.34	- 6.5		46	1.47	1.7		0.3	11.2	- 73.8		0.5	21.3	- 50.9		121	2.74	- 4.7	
WEST SOUTH CENTRAL	331	3.41	1.0		100	1.36	.5		2.2	11.1	- 15.1		3.2	22.4	- 12.1		440	3.13	.6	
MOUNTAIN	102	3.38	2.1		82	1.70	6.5		2.1	11.0	12.2		2.8	24.0	4.2		193	3.07	4.1	
PACIFIC	59	3.34	1.1		87	1.82	5.3		1.9	11.1	2.7		2.2	27.1	- 4.0		154	2.94	3.5	
TOTAL OF REGIONS	1,878	3.33	- 3.6		1,212	1.52	4.1		27.7	10.9	- 6.6		34.0	21.9	- 6.2		3,181	2.92	- .9	

1/ TOTAL PACKAGED DISPOSITION, IN AND OUT OF THE MARKETING AREA, BY REGULATED HANDLERS.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ PLAIN AND FLAVORED WHOLE MILK.

4/ PLAIN, FORTIFIED, AND FLAVORED SKIM AND LOWFAT MILK, AND BUTTERMILK.

5/ LIGHT, HEAVY, AND SOUR CREAM, AND CREAM DIPS.

6/ INCLUDES YOGURT AND EGGNOG.

7/ PERCENTAGE CHANGES OVER THE PREVIOUS YEAR ARE BASED ON THE SAME NUMBER OF COMPARABLE MARKETS.

TABLE 11.—PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK CROERS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CCN- TENT	CHANGE 1978 FROM 1977 2/		SALES	BF. CCN- TENT	CHANGE 1978 FROM 1977 2/		SALES	BF. CCN- TENT	CHANGE 1978 FROM 1977 2/	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	1,000 LB.			PERCENT	1,000 LB.			PERCENT	1,000 LB.			PERCENT
MILK AND CREAM MIXTURES	26,153	11.2	- 2.6	- 2.6	24,728	10.9	- 5.5	- 4.0	28,164	10.8	- 2.1	- 3.4
TOTAL CREAM PRODUCTS	22,641	20.3	- 3.9	- 3.9	23,998	20.7	2.3	- .8	30,102	21.1	8.0	2.5
LIGHT CREAM	4,177	18.4	- .1	- .1	4,152	19.4	18.9	8.5	5,071	19.0	10.9	9.4
HEAVY CREAM	3,928	34.7	- 21.0	- 21.0	4,623	34.8	- 9.1	- 15.0	6,623	34.6	11.9	- 5.0
SOUR CREAM	14,536	16.9	.9	.9	15,223	16.8	2.3	1.6	18,408	16.8	5.9	3.2
YOGURT	15,473	1.9	---	---	14,994	1.6	---	---	19,467	1.8	---	---
EGGNOG	471	27.3	---	---	33	7.4	---	---	969	6.9	---	---
PRODUCT NAME	APRIL				MAY				JUNE			
	SALES	BF. CCN- TENT	CHANGE 1978 FROM 1977 2/		SALES	BF. CCN- TENT	CHANGE 1978 FROM 1977 2/		SALES	BF. CCN- TENT	CHANGE 1978 FROM 1977 2/	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	1,000 LB.			PERCENT	1,000 LB.			PERCENT	1,000 LB.			PERCENT
MILK AND CREAM MIXTURES	25,850	10.9	- 7.5	- 4.4	27,780	10.8	- .5	- 3.6	27,485	10.8	- 3.0	- 3.5
TOTAL CREAM PRODUCTS	24,626	21.1	- 12.9	- 1.7	29,259	21.3	4.1	- .5	28,253	21.1	- 2.2	- .8
LIGHT CREAM	4,446	18.5	.0	6.9	4,929	19.3	3.4	6.1	4,660	19.0	- 3.6	4.3
HEAVY CREAM	5,137	34.8	- 23.7	- 10.5	6,620	34.6	1.6	- 7.8	6,390	34.1	- 1.1	- 6.6
SOUR CREAM	15,043	17.2	- 12.0	- .9	17,710	16.9	5.2	.4	17,203	16.9	- 2.2	- .1
YOGURT	18,669	1.9	---	---	19,507	1.8	---	---	17,539	1.9	---	---
EGGNOG	11	5.6	---	---	10	6.1	---	---	10	5.6	---	---

CONTINUED

TABLE 11.—PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1978 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JULY				AUGUST				SEPTEMBER			
	SALES	8F. CON- TENT	CHANGE 1978 FROM 1977 2/		SALES	8F. CON- TENT	CHANGE 1978 FROM 1977 2/		SALES	8F. CON- TENT	CHANGE 1978 FROM 1977 2/	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
MILK AND CREAM MIXTURES	27,386	10.9	- 3.5	- 3.5	28,063	10.8	- 5.1	- 3.7	26,822	10.9	- 5.3	- 3.9
TOTAL CREAM PRODUCTS	27,089	21.1	- 2.2	- 1.0	27,686	20.7	- 4.4	- 1.5	24,984	20.7	- 5.0	- 1.8
LIGHT CREAM	4,608	18.9	- 2.2	- 4.0	4,624	18.5	- 6.4	- 2.6	4,400	18.3	- 2.9	- 2.0
HEAVY CREAM	5,850	34.3	- 6.0	- 6.5	5,448	34.7	- 5.6	- 6.4	4,760	34.8	- 6.0	- 6.4
SOUR CREAM	16,630	17.1	- 2.0	- .3	17,614	17.0	- 3.5	- .8	15,824	17.1	- 5.3	- 1.3
YOGURT	16,500	1.9	—	—	17,689	1.8	—	—	15,456	1.9	—	—
EGGNOG	2/	8.2	—	—	20	11.0	—	—	41	10.4	—	—
PRODUCT NAME	CCT08ER				NOVEMBER				DECEMBER			
MILK AND CREAM MIXTURES	27,081	10.9	- 5.9	- 4.1	27,749	10.9	- 6.6	- 4.4				
TOTAL CREAM PRODUCTS	25,991	20.7	- 1.9	- 1.8	33,973	21.9	- 6.2	- 2.4				
LIGHT CREAM	4,743	19.1	- .1	- 1.7	5,238	20.1	- 2.2	- 1.3				
HEAVY CREAM	4,580	35.6	- 9.8	- 6.7	9,016	34.0	- 8.4	- 6.9				
SOUR CREAM	16,667	17.0	.1	- 1.1	19,718	16.8	- 6.2	- 1.7				
YOGURT	15,823	1.9	—	—	12,450	2.0	—	—				
EGGNOG	351	6.8	—	—	17,844	7.5	—	—				

1/ TOTAL PACKAGED DISPOSITION IN AND OUT OF THE MARKETING AREA BY REGULATED HANDLERS. EXCLUDES THE NEW YORK-NEW JERSEY MARKET.
 2/ PERCENTAGE CHANGES OVER THE PREVIOUS YEAR ARE BASED ON THE SAME NUMBER OF COMPARABLE MARKETS. DUE TO A CHANGE IN THE REPORTING OF THESE PRODUCTS BETWEEN 1977 and 1978, THESE PERCENTAGE CHANGES MAY BE SOMEWHAT OVERSTATED.
 3/ LESS THAN 500 POUNDS.

TABLE 12.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, NOVEMBER 1977 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	NONFAT DRY MILK	CONDENSED MILK 3/	CLASS 11/111 MILK SOLIDS USED TO FORTIFY CLASS 1	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
MILK, SKIM MILK AND CREAM POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	11,225	103,344	31,117	34,590	52,149	51,745	2,875	23,721	310,765
SOUTH ATLANTIC	1,992	9,086	11,331	1,499	177	1,198	3,484	8,158	36,925
EAST NORTH CENTRAL	32,713	449,132	60,449	116,007	117,872	94,833	8,455	64,528	943,990
WEST NORTH CENTRAL	26,788	347,950	23,138	39,470	176,749	11,886	2,803	19,011	647,795
EAST SOUTH CENTRAL	2,012	9,050	10,218	4,074	3,699	3,228	909	4,839	38,030
WEST SOUTH CENTRAL	4,670	21,786	19,349	18,230	5,607	8,291	5,366	21,479	104,777
MOUNTAIN	2,340	26,865	14,066	20,976	2,011	243	2,609	4,854	73,963
PACIFIC	8,253	45,095	9,876	17,984	39,302	3,059	695	4,167	128,431
TOTAL OF REGIONS 5/	89,993	1,012,308	179,544	252,830	397,566	174,483	27,196	150,757	2,284,676
BUTTERFAT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	3,555	4,132	5,433	320	49	759	0	1,656	15,903
SOUTH ATLANTIC	731	367	2,109	36	0	10	0	552	3,805
EAST NORTH CENTRAL	13,629	18,521	7,345	1,230	207	922	0	2,695	44,548
WEST NORTH CENTRAL	11,073	13,242	2,828	378	104	108	0	955	28,689
EAST SOUTH CENTRAL	723	427	851	39	0	124	0	245	2,409
WEST SOUTH CENTRAL	1,766	707	2,453	196	7	199	0	1,155	6,483
MOUNTAIN	836	1,011	1,259	169	1	9	0	211	3,496
PACIFIC	2,919	1,825	986	162	20	98	0	196	6,206
TOTAL OF REGIONS 5/	35,232	40,231	23,264	2,530	388	2,229	0	7,664	111,540

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND ADDED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LOSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING

TABLE 13.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, NOVEMBER 1978 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	NONFAT DRY MILK	CONDENSED MILK 3/	CLASS 11/111 MILK SOLIDS USED TO FORTIFY CLASS 1	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
<u>MILK, SKIM MILK AND CREAM POUNDS</u> 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	5,785	104,320	30,566	28,176	35,528	59,615	2,373	21,898	288,260
SOUTH ATLANTIC	1,859	9,630	10,113	561	795	1,175	3,015	7,437	34,584
EAST NORTH CENTRAL	27,254	532,674	58,108	111,353	79,960	77,808	7,131	68,156	962,443
WEST NORTH CENTRAL	25,557	398,176	23,664	37,838	136,263	12,711	2,562	19,801	656,573
EAST SOUTH CENTRAL	1,927	9,298	6,403	4,506	1,505	3,362	1,084	5,145	33,229
WEST SOUTH CENTRAL	4,303	19,352	19,157	19,257	11,626	11,229	5,315	15,045	105,284
MOUNTAIN	2,080	29,244	13,257	20,235	3,331	793	2,588	4,739	76,269
PACIFIC	6,733	54,825	10,412	16,986	31,956	4,411	671	4,311	130,304
TOTAL OF REGIONS 5/	75,497	1,157,517	171,679	238,914	300,964	171,104	24,738	146,533	2,286,946
<u>BUTTEREAT POUNDS</u> 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	2,374	4,028	5,618	332	31	957	0	1,567	14,906
SOUTH ATLANTIC	569	383	2,008	6	0	10	0	355	3,331
EAST NORTH CENTRAL	11,313	21,899	7,222	1,188	156	931	0	3,274	45,981
WEST NORTH CENTRAL	10,685	15,044	2,805	433	78	136	0	897	30,079
EAST SOUTH CENTRAL	736	349	780	42	0	128	0	250	2,285
WEST SOUTH CENTRAL	1,656	715	2,558	218	13	299	0	709	6,168
MOUNTAIN	782	1,145	1,245	164	2	33	0	272	3,643
PACIFIC	2,399	2,267	988	161	35	156	0	252	6,257
TOTAL OF REGIONS 5/	30,512	45,830	23,224	2,544	316	2,651	0	7,575	112,650

- 1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.
- 2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.
- 3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.
- 4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND AERATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LOSS.
- 5/ TOTALS MAY NOT ADD DUE TO ROUNDING

Table 14.--Percentage of whole milk equivalent used in the production of manufactured dairy products, in Federal order markets, January 1978 to date, with comparisons 1/

Manufactured dairy products	January		February		March		April		May		June	
	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977
	Percent											
Butter	35.8	35.8	34.0	34.2	31.5	30.8	30.3	30.2	29.1	29.1	25.2	27.2
Cheese	36.5	35.7	37.4	35.7	38.3	36.5	40.2	39.2	40.5	39.3	40.9	38.4
Frozen desserts	16.3	17.2	18.4	18.8	19.0	21.2	20.2	19.8	20.7	20.5	23.3	23.1
Cottage cheese	1.9	2.1	2.0	2.3	2.1	2.4	1.9	2.2	1.9	2.3	2.1	2.4
All other 2/	9.5	9.2	8.2	9.0	9.1	9.1	7.4	8.6	7.8	8.8	8.5	8.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July		August		September		October		November		December	
	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977
	Percent											
Butter	23.0	25.5	21.5	25.3	24.3	28.9	26.9	32.6	27.1	31.6		
Cheese	41.1	38.7	39.1	35.5	38.9	34.9	40.1	35.6	40.7	36.1		
Frozen desserts	24.4	24.5	27.6	27.4	25.3	24.5	21.7	20.4	20.6	20.9		
Cottage cheese	2.1	2.4	2.3	2.5	2.4	2.5	2.3	2.3	2.3	2.3		
All other 2/	9.4	8.9	9.5	9.3	9.1	9.2	9.0	9.1	9.3	9.1		
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonorder plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and nonfat dry milk, aerated, frozen and plastic cream; and cream and cheese dips; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

Table 15.—Federal order base and excess prices for milk of 3.5 percent butterfat content, December 1/

Marketing area	Base price		Excess price		Marketing area	Base price		Excess price	
	December		December			December		December	
	1977		1978			1977		1978	
	1978		1977			1978		1977	
	Dollars per 100 lb.					Dollars per 100 lb.			
Central Arkansas					Nashville				
Fort Smith					Oregon-Washington	11.60	10.12	10.60	8.87
Georgia	12.21	10.77	10.60	8.77	Puget Sound 2/	12.01	10.58	10.60	8.87
Memphis					Southern Michigan	11.37	9.86	10.60	8.87
Middle Atlantic	12.03	10.59	10.61	8.88	Tennessee Valley				

1/ See footnotes on table 2 for location at which price is reported.

2/ Class I base plan.

Table 16.—Seasonal incentive fund included under various Federal milk orders, December

Marketing area	December		Marketing area	December	
	1978	1977		1978	1977
	Dollars per 100 lb.			Dollars per 100 lb.	
Central Illinois	0.22	0.24	New York-New Jersey	0.30	0.27
Eastern Ohio-W. Pa.	.35	.31	Ohio Valley	.52	.50
Indiana 1/	—	.30	Paducah	.22	.23
Louisville-Lexington-			St. Louis-Oarks	.25	.24
Evansville	.45	.47	Southern Illinois		
New England					

1/ Seasonal incentive plan has been suspended for the period April through December 1978.

Table 17.—Dairy product prices and manufacturing milk prices January 1978 to date with comparisons

Month	Dairy product market prices											
	BUTTER 1/			CHEDDAR CHEESE 1/			NONFAT DRY MILK 2/			DRIED WHEY, EDIBLE 1/		
	Chicago	New York		Wis. assembling points			Chicago area			Central States		
	Grade A	Grade AA		Barrel	Blocks		Spray Process			NonHygro/Hygro 3/		
	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977
Cents per pound												
January	100.71	90.82	104.88	94.00	93.09	84.01	100.08	92.62	68.00	62.53	17.54	8.10
February	100.71	90.82	104.42	94.00	95.80	84.76	100.84	92.62	67.84	62.50	16.09	7.54
March	101.15	92.68	107.55	97.01	97.00	88.51	101.38	93.80	67.98	62.45	14.13	7.34
April	105.20	100.06	109.94	103.83	98.25	93.38	102.62	97.89	69.71	64.75	11.28	7.50
May	106.71	100.71	110.35	103.75	98.25	92.67	102.62	97.86	70.71	67.66	11.42	8.38
June	106.71	100.71	111.62	103.75	98.25	89.76	102.62	97.42	70.75	67.68	12.40	9.49
July	107.94	100.71	113.38	103.75	98.56	92.34	102.92	97.12	70.56	67.77	13.08	10.40
August	116.71	100.71	122.15	103.85	105.01	93.00	109.08	97.12	71.29	67.77	13.40	12.43
September	115.81	100.72	122.88	105.46	106.50	94.45	110.75	98.29	72.33	67.94	13.53	15.54
October	115.64	100.73	123.44	106.97	111.01	94.13	115.52	98.26	73.61	67.75	13.41	16.79
November	121.12	100.89	128.59	106.26	112.62	93.79	117.12	98.82	74.23	67.96	12.11	17.78
December	118.76	101.54	127.77	107.44	112.62	95.02	119.38	100.12	75.71	67.94	11.06	18.21
Average	109.76	98.42	115.58	102.51	102.25	91.32	107.08	96.83	71.06	66.22	13.29	11.62

Month	Prices paid for manufacturing grade milk, 3.5% butterfat content											
	Minn.-Wis. Manuf.			Butter powder			"Snubber" 5/					
	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977
	Dollars per 100 lb.											
January	8.91	8.19			9.33				8.46			
February	9.00	8.16			9.31				8.46			
March	9.09	8.31			9.34				8.53			
April	9.24	8.60			9.65				9.03			
May	9.25	8.62			9.80				9.30			
June	9.26	8.60			9.80				9.30			
July	9.33	8.65			9.84				9.31			
August	9.68	8.64			10.27				9.31			
September	9.90	8.74			10.32				9.32			
October	10.18	8.74			10.41				9.31			
November	10.44	8.79			10.69				9.33			
December	10.60	8.87			10.72				9.36			

1/ "Dairy Market News," AMS. 2/ 26th of preceding month through 25th of current month, as reported by ESCS. 3/ Simple average of hygroscopic and nonhygroscopic. 4/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by ESCS. 5/ 3.5 percent price converted by using Chicago Grade A butter price times 0.120. 5/ (Chicago Grade A butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

Table 18.—U.S. milk prices, U.S. milk feed ratio, and general price measures, January 1978 to date

Month	U.S. milk prices										U.S. milk prices, 3.5 percent butterfat basis 1/										U.S.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	All milk					Manufacturing					Milk eligible for fluid					Paid farmers for milk used in:					milk-feed																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	wholesale 2/					grade milk 2/					All milk					grade milk					Evaporated					price																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	1978**					1978**					wholesale 2/					market 2/					Butter 3/					milk 3/					ratio 2/ 4/																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Parity:	Price:	Per-	cent	price:	at	fat	price:	at	test	equiv. 5/	6/	alent	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:</

Dollars per 100 pounds

, Month	General price measures																			
	Prices	paid by farmers	2/ 10/	All farm products	Livestock & products	Dairy products	Parity	ratio	2/ 11/	Wholesale 8/	All commodities	Dairy products	All items	All food	Dairy products					
	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977

Indexes 1967=100

* Preliminary. ** Based on partially revised data. 1/ Converted by using Chicago Grade A butter times 0.120. 2/ "Agricultural Prices," ESOS.

3/ "Dairy Products," ESOS. 4/ Pounds of concentrate ratio equal in value to one pound of milk sold to plants. 5/ Parity prices shown are based on data for the current month. 6/ Seasonally adjusted. 7/ Price at test adjusted to a 3.67 percent fat test by using Chicago Grade A butter price times 0.120 as a percentage of parity price equivalent. 8/ "Wholesale Prices and Price Index," BIS. 9/ "Consumer Price Index," BIS. The data for 1978 represent the new index for all urban consumers. This index was not available in 1977. 10/ For commodities and services, interest, taxes, and wage rates. 11/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

Table 19.—Consumer Price Index for all Urban Consumers: Selected dairy products,
United States city average, 1978 ^{1/}

Month	Fresh whole milk		Butter		Cheese		Ice cream and related products	
	Percent		Percent		Percent		Percent	
	change		change		change		change	
	Index ^{2/}	from 1977	Index ^{2/}	from 1977	Index ^{2/}	from 1977	Index ^{2/}	from 1977
January	164.8	1.9	169.6	10.1	100.5	—	99.4	—
February	165.5	2.4	169.3	9.8	101.2	—	100.7	—
March	166.3	3.0	170.3	9.9	101.3	—	100.9	—
April	168.3	4.3	173.3	10.4	102.5	—	102.1	—
May	170.1	5.3	174.4	7.2	103.2	—	104.7	—
June	171.4	5.5	175.8	7.3	104.0	—	104.9	—
July	171.7	6.3	176.5	7.6	104.4	—	104.8	—
August	172.1	5.6	180.7	9.9	104.8	—	105.5	—
September	174.2	7.1	187.0	13.1	106.7	—	106.4	—
October	176.5	8.0	189.3	14.2	107.8	—	108.0	—
November	178.4	8.9	190.7	14.3	109.4	—	109.4	—
December	181.2	10.7	195.4	16.4	111.7	11.7	109.9	9.9

^{1/} "CPI Detailed Report," Bureau of Labor Statistics U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data from 85 urban areas. ^{2/} The standard reference base period for these indexes is 1967=100. ^{3/} The standard reference base period for these indexes is December 1977=100. For this reason, percent changes from the previous year are not calculable.

Table 20.—Consumer Price Index for All Urban Consumers: Selected areas, all dairy products combined, 1978 ^{1/}

Area	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	(1967=100, unless otherwise noted)											
Anchorage, Alas. ^{2/}	—	179.9	180.4	181.6	182.8	182.5	182.8	183.8	185.6	186.0	:	:
Atlanta, Ga.	197.5	198.4	201.7	206.5	212.7	210.5	211.2	212.1	212.7	214.4	:	:
Baltimore, Md.	—	—	—	180.4	181.8	183.4	183.8	184.6	184.4	187.5	:	:
Boston, Mass.	—	172.9	172.2	173.0	176.0	178.6	180.0	179.1	182.2	186.0	:	:
Buffalo, N.Y.	—	—	175.7	178.4	178.8	179.7	181.7	183.6	183.9	186.5	:	:
Chicago, Ill.—NW. Ind.	173.4	173.0	174.0	173.9	178.0	179.1	181.0	182.3	188.8	189.7	:	:
Cincinnati, O.—Ky.—Ind.	—	—	—	186.6	190.2	191.6	190.0	190.8	192.3	201.7	:	:
Cleveland, Ohio	—	—	190.3	192.3	198.2	199.6	198.7	193.8	210.6	202.4	:	:
Dallas, Ft. Worth, Tex.	—	—	179.1	176.0	179.8	180.9	183.8	184.5	187.2	193.6	:	:
Denver, Boulder, Col.	—	189.7	189.4	194.8	195.5	194.8	196.8	197.7	198.8	201.8	:	:
Detroit, Mich.	176.0	177.8	177.3	184.5	186.9	186.9	186.8	186.6	194.4	199.5	:	:
Honolulu, Hawaii	191.5	192.3	199.8	201.9	202.1	204.6	205.0	203.5	206.2	207.8	:	:
Houston, Texas	—	—	—	—	200.1	201.0	199.9	200.4	203.0	204.4	:	:
Kansas City, Mo.—Kans.	191.1	192.8	194.0	195.1	198.2	198.5	201.0	201.2	206.9	211.0	:	:
LA-L. Beach, Ana., Ca.	165.5	164.6	164.8	166.7	168.2	170.9	169.6	171.7	172.7	172.9	:	:
Miami, Fla. ^{3/}	100.9	100.5	101.1	101.1	103.2	102.6	103.3	105.6	107.5	108.6	:	:
Milwaukee, Wis.	182.9	180.0	182.0	181.8	187.5	189.2	186.7	190.8	197.2	196.6	:	:
Mpls.—St. Paul, Minn.—W.	—	—	—	—	195.0	197.6	200.5	200.7	203.8	212.0	:	:
New York, N.Y.—NE N.J.	181.0	182.9	182.3	184.7	185.3	186.6	187.5	187.3	187.5	191.1	:	:
Northeastern Pa.	174.3	175.1	175.0	175.8	175.9	178.7	181.3	182.5	183.3	186.4	:	:
Philadelphia, Pa.—N.J.	184.6	185.4	186.9	187.5	189.8	191.6	189.7	190.1	193.7	194.5	:	:
Pittsburgh, Pa.	—	—	—	—	177.2	177.5	177.3	175.5	178.9	186.2	:	:
Portland, Oreg.—Wash.	—	161.8	162.8	165.6	166.8	167.1	166.1	167.9	169.6	172.8	:	:
St. Louis, Mo.—Ill.	—	—	—	193.9	196.9	197.7	200.6	198.2	202.8	201.2	:	:
San Diego, Calif.	166.1	166.9	166.8	167.2	168.1	170.8	171.8	171.7	173.9	173.6	:	:
San Fran.—Oak., Calif.	169.8	170.4	171.4	173.0	173.7	173.2	173.5	175.1	176.6	177.0	:	:
Seattle, Everett, Wash.	171.0	173.9	176.8	178.5	179.6	179.2	170.1	170.3	173.3	176.8	:	:
Wash., D.C.—Md.—Va.	163.7	167.2	168.2	170.7	170.3	175.3	175.1	176.0	175.5	178.7	:	:

^{1/} "CPI Detailed Report," Bureau of Labor Statistics, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data from 85 urban areas. ^{2/} The standard reference base period for this area is October 1967=100. ^{3/} The standard reference base period for this area is November 1977 = 100.

Table 21.--U.S. production, January 1978 to date, with comparisons

Month	Milk <u>1/</u>		Butter <u>2/</u>		Total Cheese		Nonfat dry milk <u>2/</u>		Frozen desserts	
	1978*	1977**	1978*	1977**	1978*	1977**	1978*	1977**	1978*	1977**
	Bil. lb.		Mil. lb.		Mil. lb.		Mil. lb.		Mil. gals.	
Jan.	10.0	9.9	108.3	105.5	274.0	265.6	79.7	70.3	69.5	69.0
Feb.	9.3	9.3	95.7	95.4	260.6	252.5	70.6	71.7	75.5	75.3
Mar.	10.5	10.6	97.7	98.4	311.8	299.7	84.4	88.0	98.6	101.8
Apr.	10.7	10.7	98.5	99.9	306.2	304.6	96.4	105.9	95.2	98.0
May	11.2	11.4	96.7	103.2	328.7	326.0	103.0	119.8	108.2	106.1
June	10.9	11.0	84.7	93.0	332.9	315.9	113.5	130.2	126.0	123.2
July	10.6	10.7	73.7	81.8	297.0	280.1	98.2	123.2	119.4	118.9
Aug.	10.3	10.4	64.2	77.8	284.6	275.6	78.6	106.0	123.1	121.3
Sept.	9.7	9.9	64.5	75.0	264.9	251.7	59.1	77.6	103.1	102.1
Oct.	9.8	9.8	71.1	84.5	279.4	256.8	49.0	70.4	90.6	83.7
Nov.	9.4	9.4	66.7	81.5	276.3	247.7	41.9	65.1	79.2	76.4
Dec.	9.8	9.8	77.2	89.5	300.1	281.6	54.4	78.0	71.0	71.7
Year to date <u>3/</u>	122.3	123.0	999.0	1,085.6	3,516.5	3,357.9	928.8	1,106.0	1,159.6	1,147.4

* Preliminary.

** Partially revised.

1/ "Milk Production," ESCS.2/ "Dairy Products," ESCS. Frozen desserts include ice cream, ice milk, and sherbert.3/ May not add due to rounding.

Table 22.--Commercial and government storage holdings, January 1978 to date, with comparisons

Month	Storage Holdings <u>1/</u>											
	Butter <u>2/</u>				Total Cheese <u>2/</u>				Nonfat dry milk <u>2/</u>			
	Commer-		Gov't		Commer-		Gov't		Commer-		Gov't	
	cial	1978*	1978*	1977**	cial	1978*	1978*	1977**	cial	1978*	1978*	1977**
	1978				1978				1978 <u>4/</u>	<u>5/</u>		
	Million pounds				Million pounds				Million pounds			
Jan.	55.8	142.9	198.7	67.7	422.1	38.1	460.2	485.7	61.4	628.0	689.4	461.6
Feb.	57.6	158.4	215.9	94.2	405.6	37.0	442.6	471.2	55.2	626.2	681.4	469.5
Mar.	45.4	190.2	235.6	106.3	399.7	31.4	431.0	485.8	49.8	612.3	662.1	465.4
Apr.	49.0	196.6	245.6	128.2	421.9	26.3	448.2	510.3	79.1	607.4	686.5	520.9
May	52.3	212.3	264.6	163.8	440.6	21.7	462.3	557.2	86.8	600.9	687.7	538.8
June	40.3	240.6	280.9	197.1	480.1	21.0	501.1	583.7	94.7	607.0	701.6	579.2
July	42.0	270.6	312.7	209.0	480.8	20.8	501.6	592.9	95.0	618.7	713.6	619.5
Aug.	37.2	245.2	282.4	208.6	474.5	16.6	491.1	592.9	74.9	626.8	701.7	653.2
Sept.	28.1	238.5	266.6	203.3	461.7	14.1	475.8	553.9	64.1	617.4	681.5	685.9
Oct.	26.0	225.8	251.8	195.4	444.1	10.8	455.0	502.8	54.7	584.9	639.5	689.5
Nov.	22.1	206.7	228.8	193.4	421.8	9.3	431.1	479.8	36.3	565.1	601.4	673.9
Dec.	16.6	197.1	213.6	184.9	417.8	8.9	426.7	468.6	39.8	545.0	584.7	677.9

* Preliminary.

** Based on partially revised data.

1/ End of month.2/ "Cold Storage Reports," ESCS.3/ May not add due to rounding.4/ "Dairy Products," ESCS.5/ "Summary of Processed Commodities in store," ASCS.

Table 23.--U.S.D.A. purchases (Delivery basis), January 1978 to date with comparisons

Month	Butter 1/		American cheese		Nonfat dry milk		Milk equivalent of net U.S.D.A. purchases 2/	
	1978	1977	1978	1977	1978	1977	1978	1977
	<u>1,000 lb.</u>		<u>1,000 lb.</u>		<u>1,000 lb.</u>		<u>1,000 lb.</u>	
Jan.	25,994	32,412	1,446	17,849	29,059	32,801	554	846
Feb.	26,678	31,414	1,593	23,275	22,643	30,230	556	883
Mar.	2,128	11,599	244	17,755	12,086	12,853	43	416
Apr.	24,367	25,880	1,867	6,584	27,575	37,259	509	602
May	34,616	43,664	6,348	13,986	51,534	62,767	777	1,043
June	20,595	35,057	13,575	23,167	53,999	78,224	562	954
July	173	15,988	13,554	16,829	46,307	67,788	138	501
Aug.	0	13,318	5,712	23,999	18,839	62,697	-86	518
Sept.	0	0	0	2,891	7,659	36,773	-127	32
Oct.	0	6,972	0	1,409	6,927	26,422	4	162
Nov.	0	5,448	0	380	4,894	22,047	-142	119
Dec.	37	260	0	350	3,442	20,263	-36	6
Year to date	134,588	222,011	3/44,339	4/148,474	284,964	490,124	5/ 2,752	6/ 6,082

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (Delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; includes purchases under price support, Section 709, Section 32, and Section 4A programs.

3/ Includes 10,787 thousand pounds purchased in 500-pounds barrels, and 30,474 thousand pounds purchased as processed cheese.

4/ Includes 21,905 thousand pounds purchased in 500-pounds barrels, and 68,779 thousand pounds purchased as processed cheese.

5/ Includes 378 million pounds (milk equivalent) of evaporated.

6/ Includes 342 million pounds (milk equivalent) of evaporated.

Fluid Milk Sales By Method of Distribution*

Handlers regulated under Federal milk orders process approximately three-quarters of all the fluid milk products sold in the United States. During 1977, this volume was 41 billion pounds, 4.8 billion gallons. In general, the methods of distribution used to market this production would be representative of the entire country.

To obtain this information, a survey was made of fluid milk sales under 47 Federal milk marketing areas during November 1977. Although the data are based on November fluid milk sales, the relationships shown would be representative in other months of the year. One exception would be sales through school outlets which would not be applicable to sales in a nonschool month. Some highlights of this survey, with comparisons to previous years are:

(1) Wholesale sales now account for 95 percent of total fluid milk sales; home-delivery accounts for 5 percent. In November 1975, the respective figures were 93 and 7 percent; in 1963, they were 70 percent and 30 percent. (See table 1.)

(2) During November 1977, nearly 53 percent of fluid milk sales were made through chain stores. Supermarket chains represented 43 percent of total sales, dairy and convenience chain stores, 10 percent. The share of chain stores ranged from 41.1 percent of total sales in the East South Central region to 62.6 percent in the South Atlantic area. (See table 2.)

(3) Institutional outlets (military and schools) accounted for nine percent of fluid milk sales. Excluding the New York-New Jersey marketing area, disposition through military installations represented 1.7 percent of the total; schools accounted for 7.7 percent. (See table 2.)

(4) Sales through all other wholesale outlets (nonchain food stores, nonfood stores, restaurants, hospitals, vending machines, etc.) represented 32.8 percent of the fluid milk products distributed in November 1977. This proportion ranged from 16.8 percent in the Mountain region to 41.9 percent among the East South Central markets. (See table 2.)

(5) Slightly more than 18 percent of fluid milk sales were made by vertically integrated chain stores. This volume represented over 34 percent of total chain store sales. Supermarket chains operating their own fluid processing plants, accounted for 12.1 percent of total sales. The share of supermarket chains that were not vertically integrated approached 31 percent. Vertically integrated dairy and convenience chain stores represented six percent of total fluid milk sales, and sixty percent of total dairy and convenience store sales. (See table 3.)

(6) Between November 1973 and November 1977, fluid milk sales through chain stores increased from 38.6 percent of the total to 52.9 percent. In November 1969, for a smaller group of marketing areas, chain stores accounted for 28.9 percent of total sales. (See table 4.)

(7) Over the eight-year period from November 1969 to November 1977, the market share of vertically integrated chain stores increased from 11.4 percent in 1969 to 13.6 percent in 1973 to 18.1 percent in 1977. (See table 4.)

* Prepared by John P. Rourke, Agricultural Marketing Specialist, and Mary L. Rolark, Dairy Products Marketing Specialist, Market Information Branch, Dairy Division, Agricultural Marketing Service. FMOS-228, December 1978 Summary.

Table 1.--Percentages of fluid milk products ^{1/} distributed by handlers regulated under Federal milk orders, by method of distribution, November of selected years, 1963 to 1977

Month/Year	:	Number of markets ^{2/}	:	Method of distribution	
				Wholesale	Home-delivered
				<u>Percent</u>	
<u>November</u>	:				
1963	:	68	:	70	30
1964	:	67	:	72	28
1965	:	68	:	72	28
1966	:	68	:	75	25
1967	:	71	:	77	23
1969	:	66	:	81	19
1971	:	61	:	85	15
1973	:	61	:	90	10
1975	:	56	:	93	7
1977	:	47	:	95	5

^{1/} Fluid milk products represents whole milk items and lowfat and skim milk items combined. ^{2/} Number of markets for which complete data were available.

Table 2.--Percentages of fluid milk products 1/ distributed by handlers regulated under Federal milk orders, grouped by region, by method of distribution, November 1977

Region <u>2/</u>	Method of distribution							
	Home- delivery	Total wholesale	Type of wholesale outlet					
			Chain stores <u>3/</u>			Institutional		
			Super- market	Dairy and convenience	Military	Schools	All other <u>4/</u>	
North Atlantic	3.6	96.4	37.5	14.1	<u>5/</u> 1.6	<u>5/</u> 5.1	38.5	
South Atlantic	3.7	96.3	44.1	18.5	3.4	9.9	20.4	
East North Central	5.0	95.0	43.5	7.7	.5	7.3	36.0	
West North Central	8.8	91.2	48.4	6.5	1.0	8.3	27.0	
East South Central	2.9	97.1	37.5	3.6	.8	13.3	41.9	
West South Central	5.7	94.3	42.6	8.7	3.5	8.7	30.8	
Mountain	10.3	89.7	49.9	9.8	3.7	9.5	16.8	
Pacific	6.0	94.0	51.7	5.1	2.7	5.4	29.1	
Total	5.3	94.7	42.9	10.0	<u>5/</u> 1.7	<u>5/</u> 7.7	32.8	

1/ Fluid milk products represent whole milk items and lowfat and skim milk items combined.

2/ See table 1 on page 7 for markets included in each region. The North Atlantic region includes the New England, New York-New Jersey, and Middle Atlantic marketing areas.

3/ Generally, 11 or more stores (supermarkets, dairy, or convenience) nationwide, primarily engaged in food retailing and either under common management, being franchised by a common company, or belonging to a common purchasing association.

4/ Nonchain food stores, nonfood stores (drug stores, gasoline stations, etc.), restaurants, hotels, hospitals, nursing homes, vending machines, and any other type of wholesale outlet.

5/ Does not include data for the New York-New Jersey marketing area for which this information was not available.

Table 3.--Percentages of fluid milk products 1/ distributed by handlers regulated under Federal milk orders, grouped by region, by type of chain store, November 1977

Region <u>3/</u>	Type of chain store <u>2/</u>						
	Total chain stores	Supermarkets		Dairy and convenience		Total vertically integrated 4/	
		Vertically integrated 4/	Other	Vertically integrated 4/	Other		
	Percent						
North Atlantic	51.6	10.7	26.8	11.7	2.4	22.4	
South Atlantic	62.6	9.4	34.7	10.7	7.8	20.1	
East North Central	51.2	14.0	29.5	4.6	3.1	18.6	
West North Central	54.9	7.8	40.6	1.8	4.7	9.6	
East South Central	41.1	0	37.5	R	3.6	R	
West South Central	51.3	13.7	28.9	3.9	4.8	17.6	
Mountain	59.7	19.1	30.8	.5	9.3	19.6	
Pacific	56.8	21.0	30.7	1.9	3.2	22.9	
Total	52.9	12.1	30.8	6.0	4.0	18.1	

1/ Fluid milk products represents whole milk items and lowfat and skim milk items combined.

2/ Generally, 11 or more stores nationwide, primarily engaged in food retailing and either under common management, being franchised by a common company, or belonging to a common purchasing association.

3/ See table 1 on page 7 for markets included in each region. The North Atlantic region includes the New England, New York-New Jersey, and Middle Atlantic marketing areas.

4/ Chain stores which have integrated backwards into fluid milk processing, or fluid milk processing organizations which have integrated forwards into chain store ownership.

R=restricted. Represents sales made by fewer than three handlers which cannot be shown without revealing the volume of their individual operations.

Table 4.--Percentages of fluid milk products 1/ distributed by handlers regulated under Federal milk orders, grouped by region, through total chain stores and vertically integrated chain stores, 2/ November 1969, 1973, and 1977

Region <u>3/</u>	Vertically integrated			Total chain		
	chains stores <u>2/</u>			stores <u>2/</u>		
	: 1969 <u>4/</u>	: 1973	: 1977	: 1969 <u>5/</u>	: 1973 <u>6/</u>	: 1977
	Percent					
North Atlantic	: 15.7	14.7	22.4	31.2	41.6	51.6
South Atlantic	: 8.7	13.6	20.1	N/A	36.0	62.6
East North Central	: 14.4	15.5	18.6	25.9	37.5	51.2
West North Central	: 5.9	8.4	9.6	29.8	40.1	54.9
East South Central	: 1.3	1.9	R	39.7	29.8	41.1
West South Central	: 6.5	12.4	17.6	22.4	36.5	51.3
Mountain	: 12.2	16.9	19.6	N/A	36.9	59.7
Pacific	: 10.1	17.6	22.9	32.5	39.3	56.8
Total	: 11.4	13.6	18.1	28.9	38.6	52.9
	:					

R=restricted. Represents sales made by fewer than three handlers which cannot be shown without revealing the volume of their individual operations.

N/A= Not available.

1/ Fluid milk products represents whole milk items and lowfat and skim milk items combined in 1977, and also includes milk and cream mixtures, cream items, and specialty products in 1969 and 1973.

2/ Generally, 11 or more stores (supermarkets, dairy, or convenience) nationwide, primarily engaged in food retailing and either under common management, being franchised by a common company, or belonging to a common purchasing association. Chain stores which have integrated backwards into fluid milk processing or fluid milk processing organizations which have integrated forwards into chain store ownership are vertically integrated.

3/ See table 1 on page 7 for markets included in each region. The North Atlantic region includes the New England, New York-New Jersey and Middle Atlantic marketing areas. Data for previous years have been adjusted for regional shifts in marketing areas.

4/ Excludes New York-New Jersey.

5/ Complete data were available for 42 of the 67 marketing areas.

6/ Excludes Ohio Valley and Chicago Regional.

Special Articles Published in the 1978 Monthly Summaries of
"Federal Milk Order Market Statistics"

FMOS-217, January.

How Federal Milk Order Market Statistics Are Developed and What They Mean. A brief description of where Federal milk order market statistics come from, why these are collected, and a definition of terms are presented.

Federal Milk Order Market Administrator Budgets, 1977 and 1978. For each market administrator, budgets representing estimated expenditures, by type of expense, and estimated income, by type of fund, are shown.

FMOS-218, February.

1977 Promotional Activities Under Federal Milk Orders. This article reviews the Advertising and Promotion programs in effect in 17 Federal milk order markets in 1977. For each market administrator, the financial statement of the Advertising and Promotion Fund is presented describing the sources of funds and expenditures. In addition, the budgets of the 17 Advertising and Promotion Agencies are shown.

FMOS-221, May.

Producer Milk Marketed Under Federal Milk Orders by State of Origin. This article reports the findings of the 1977 survey of milk supply areas for handlers regulated under Federal milk orders. Data on the State of origin of producer milk are shown by State, by Federal order marketing area, and by regional groups of marketing areas.

Adjusting In-Area Sales Data for Calendar Composition. The process used to adjust in-area sales of fluid milk products for calendar composition is described. Specific monthly adjustment factors are presented as well as seasonal indexes.

FMOS-223, July.

Cooperatives in Federal Milk order Markets. This article relates the results of a December 1977 survey of the extent of dairy farmer cooperative membership and share of milk marketings under Federal milk orders. Current as well as historical data are shown for regional groups of marketing areas.

FMOS-226, October.

Fluid Milk Sales by Size and Type of Container and Distribution Method, 1977. The biennial November survey of the sizes and types of containers in which fluid milk products are sold by handlers regulated under Federal milk orders is reported here. Current and historical data are presented for whole milk items, lowfat and skim milk items, and total fluid milk items.

FMOS-227, November.

Lowfat Milk Sales in Federal Milk Order Markets. In-the-marketing-area sales of lowfat and skim milk products are spotlighted in this article. Current and historical data are shown for all marketing areas combined and individual marketing areas.

FMOS-228, December.

Fluid Milk Sales by Method of Distribution. This article reports further results of the November 1977 survey of the containers in which fluid milk products are sold and the methods for distributing these products used by handlers regulated under Federal milk orders. The proportions of fluid milk sold through home-delivery and various types of wholesale outlets are presented. In addition, historical information is shown for sales made through all chain stores and vertically integrated chain stores.

MAJOR ORDER ACTIONS, DECEMBER 1978

Amendment:

New England - December 1 (43 FR 49971, 10/26/78). The variable location adjustment rate of minus one cent for each 10-mile pricing zone beyond the 201-210 mile zone is increased to 1.5 cents per hundredweight. The plus 1.2 cents rate for each zone inside the 201-210 zone is increased to 1.8 cents per zone. The fixed location adjustment of sixteen cents that was added to plants in the 14th zone is reduced to fourteen cents per hundredweight.

The "nearby plant" zone is divided into three geographically defined pricing zones plus a fourth area in which the location adjustment is determined on the basis of mileage from the nearer of Boston, Massachusetts, or Providence, Rhode Island.

The Class I differential applicable at the 21st zone is reduced from \$2.58 to \$2.42 per hundredweight.

Suspension:

Inland Empire - December 12 (43 FR 58079, 12/12/78). This action continues for the period December 1978 through March 1979 the suspension of the limit on the amount of milk that may be diverted from pool plants to nonpool plants by a cooperative association or a handler operating a pool plant.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
WASHINGTON, D.C. 20250

- - -

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$3

0200 UNALUS A422 02000 0001
USDA NAT AGRIC LIBRARY CURRE-
NT SERIAL RECORD AL
BELTSVILLE MD 20012

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF
AGRICULTURE
AGR 101



0200 UNALUS A422 02000 0001